

A MODEL FOR THE ECONOMIC EVALUATION OF
SLIDING FEE SYSTEMS FOR PUBLIC
CHILD DAY CARE SERVICES

A THESIS

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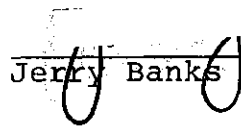
Approved:



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Cecelia Johnson



Jerry Banks

Date approved by Chairman 5/9/78

PREFACE

Three points concerning the objectives and scope of the research reported herein should be noted at the outset:

1. The research does not address the long range socio-economic implications of publicly-funded day care services or the use of sliding fee schedules. For example, the thesis does not attempt to support or refute the notion that such programs encourage low income families to become more self-sufficient. Existing governmental policies in these areas (and the values, assumptions, and theories which underlie them) are not questioned.
2. The model developed here is intended to serve as a mechanism for comparing the demand, service, and financial implications of alternative administrative strategies (e.g., fee schedules, eligibility cut-off points, service supply levels) and future environmental circumstances (e.g., demographics, service costs). In its present form, the model is not intended for use in forecasting precise quantities for the various output variables.
3. The model test runs reported in the thesis use significant amounts of estimated data. Much of the

required data was not readily available, and the collection of such data was beyond the scope of the thesis. In all cases, however, the data are inputs to the model and are not imbedded within the computer code. The modeling process defines the specific data requirements. Hopefully, the existence of the model as an operable computational mechanism will provide an incentive for the acquisition of the data necessary to implement the model as a management planning tool.

ACKNOWLEDGEMENTS

I want to express my most sincere gratitude to Dr. Thomas Clark, my Thesis Advisor, for all his assistance, guidance and recommendations during the development of this work.

I would also like to acknowledge Professor Cecil Johnson and Dr. Jerry Banks who served on the Reading Committee.

To Lee Cash, Jerry Legge and the cooperative staff of The Georgia Department of Human Resources, Title XX Administration, appreciation is extended for their assistance in developing the Thesis topic and supplying pertinent information.

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CHAPTER I

INTRODUCTION

1.1 Background

The topic for the thesis was developed in cooperation with Mr. Lee Cash, Research Associate of the Georgia Department of Human Resources, Title XX Administration. The Department of Human Resources has been interested in developing a sliding fee system for day care centers to be implemented throughout the State of Georgia. A sliding fee system is the mechanism by which participating families share the cost of child care services with the government according to their ability to pay. The problem is that of allocating scarce resources efficiently throughout the State of Georgia to a designated population segment. These scarce resources are the limited Federal funds that are allocated for day care services and the limited number of facilities and staff personnel. The recipients are families within certain family income and family composition ranges. Little is known, however, about the short or long range impacts of various forms of sliding fee systems on resource usage, services provided, or costs incurred.

1.2 Statement of the Problem

Before 1976, a child in Georgia could obtain free day

care if the gross family income was less than 61 percent of Georgia's median family income adjusted for family size. For example, the median income for a family of four was \$1,142 per month yielding a 61 percent cut-off point of \$697 per month. If the family gross income exceeded the above cut-off amount by one or more dollars per month, the child had to be taken from the free public day care and placed in a private center, at a cost of \$100 or more per month.

The abrupt cut-off of free day care service produces a dysfunctional "notch effect". The notch effect creates a disincentive for families to increase their income. It has a paradoxical effect of loss in real net income incurred over a certain income range. As income rises, the family experiences a loss in benefits in cash or in kind for which they were previously eligible. A family might lose public housing, cash assistance payments, social security supplemental income, and medicaid subsidies worth over \$1,000 per year, if earned income increases from \$4,300 to \$4,400 (i.e., an increase of only \$100). Other potential losses include Aid to Families with Dependent Children, food stamps, and increased income tax. Hence, the notch effect is the resultant drop in the family's real net income associated with the rise in earned income. With or without a sliding fee scale for day care payments, the notch effect can take place due to these other economic losses. The sliding fee schedule, however, is designed to ameliorate the notch effect as far as the cost of day care

services is concerned.

The administrative mechanism for a sliding fee system is set forth in H.R. 1, Title XX, Part B, Section 2134 (a)(2) instructing the Secretary of Health, Education and Welfare to "prescribe such schedule or schedules as may be appropriate for determining the extent to which families are required (in the light of their ability) to pay the costs of child care for which provision is made under Section 2112 (a)(1)". The fee schedules can then be translated into relationships that will determine how the full cost of child care is to be shared between public funds and the participating families using child care services under the welfare reform legislation (H.R. 1).

The purposes of sliding fee scales are:

- (a) To allocate scarce resources equitably and efficiently among many recipients.
- (b) To encourage families to increase their earned income to the point of self-sufficiency, or at least to avoid creating disincentives for doing so.
- (c) To achieve equity in fee payments among those families that will be sharing the costs of day care.

Some examples of alternative forms of sliding fee scales are graphically portrayed in Figure 1-1.

In January of 1977, the State of Georgia implemented an "Interim Fee System". This system is a pilot program implemented on a temporary basis until a permanent sliding fee system is designed. Under the Interim System, the State provides free day care services to approximately 11 percent of

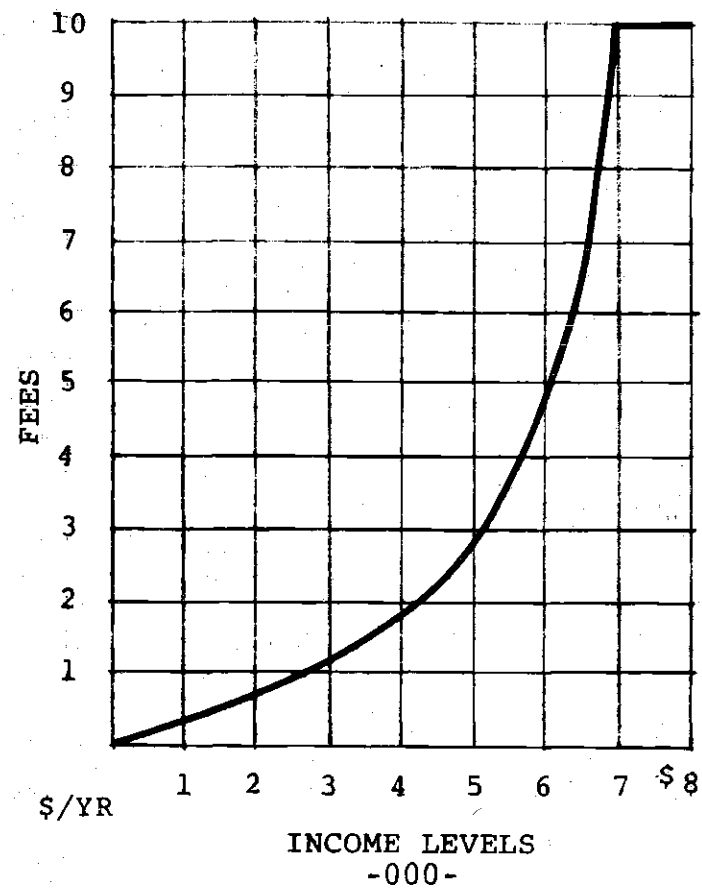
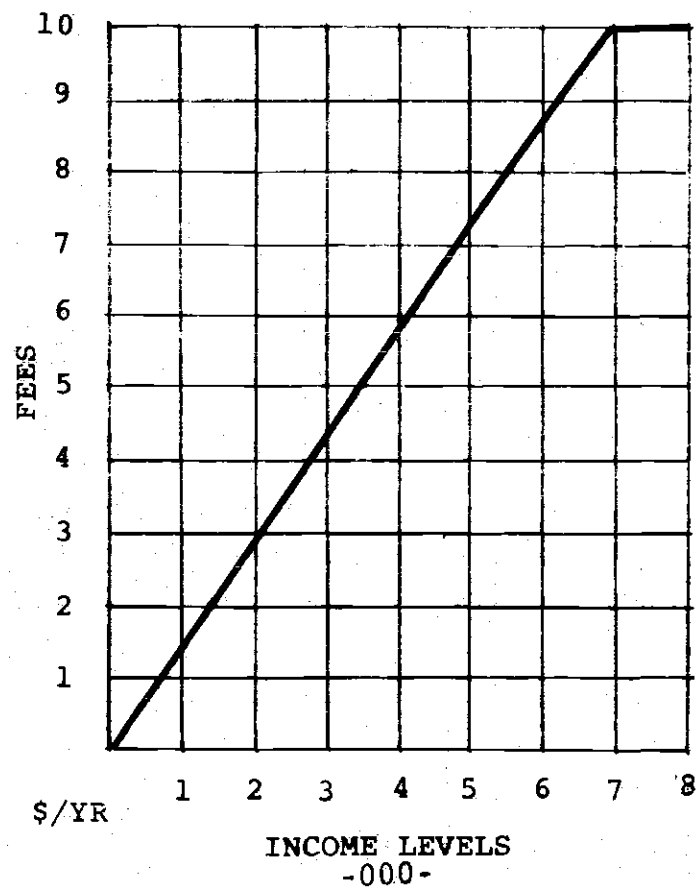


FIGURE 1-1. EXAMPLES OF SLIDING FEE SYSTEMS

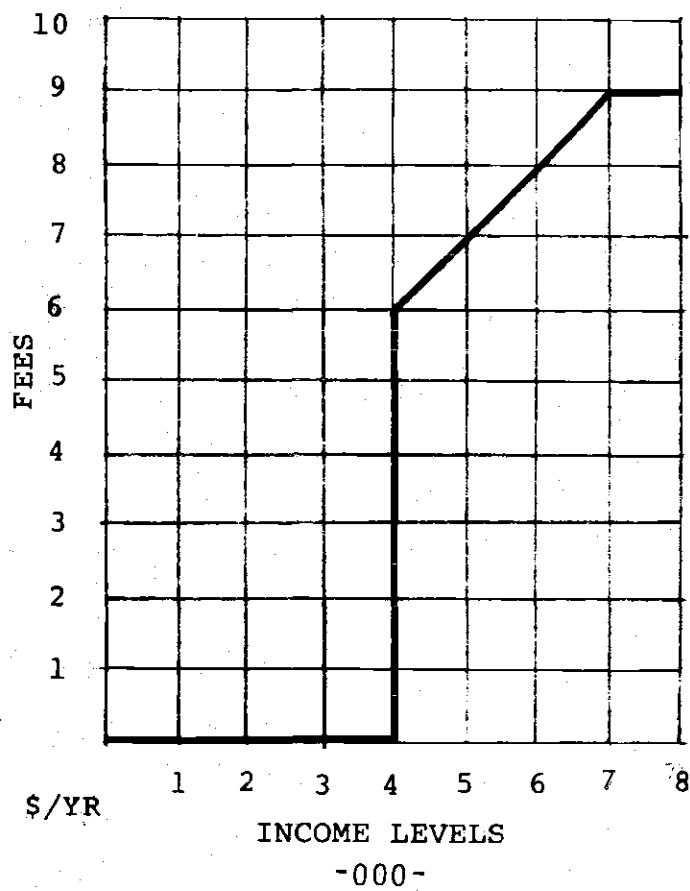
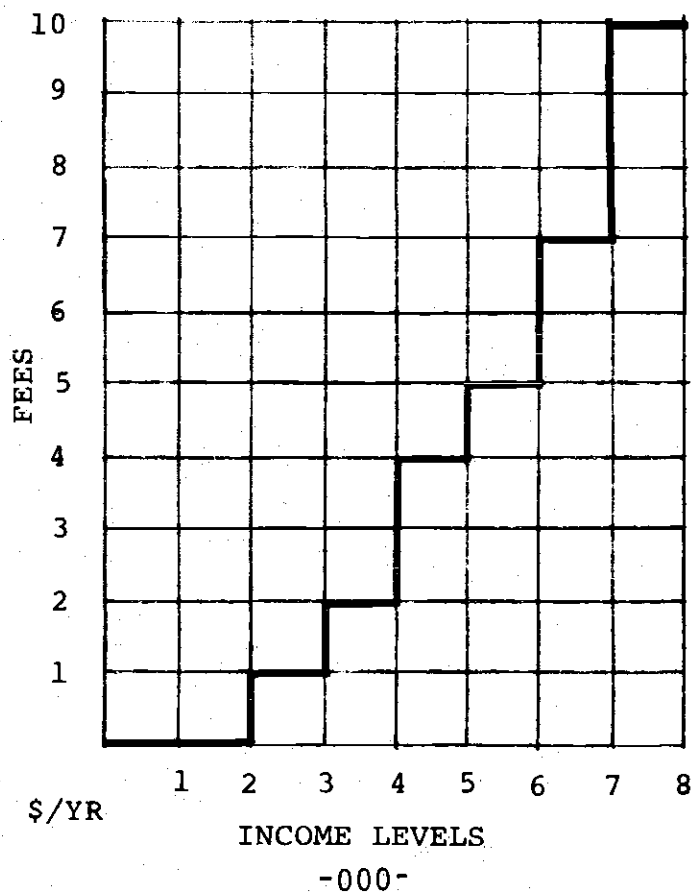


FIGURE 1-1A. EXAMPLES OF SLIDING FEE SYSTEMS

the 104,000 children whose family income is less than 61 percent of the State's median family income adjusted for family size in accordance with Federal regulations. The maximum gross income for a family of four to receive complete, free day care is \$607 per month or \$3,364 annually. The families earning between 61 and 80 percent (or \$698 and \$911 per month) are obliged to purchase the day care service in accordance with the Interim Fee System. Families eligible for the Interim Fee System are those that were participating in Title XX day care service as of October 1, 1976, or new families whose income falls below the 61 percent-of-median level. New families earning between 61 and 80 percent of median income (i.e., \$697 per month to \$911 per month) desiring to use the public day care centers are not eligible to enter the system. Any family earning over 80 percent of median income does not qualify to participate in the Interim Fee System program.

The child care fee scale is depicted in Table 1-1. An example of the interim fee schedule for a family of four is depicted in Figure 1-2.

The purpose of the present Interim Fee System is to provide a smooth transition from free to full cost day care service. This Interim Fee System took into account family size and income. The 11 percent (12,000 children) level of service was not reduced under the Interim System. The funds generated from this system are being used to reduce the Federal Financial Participation.

Table 1-1. DHR Child Care Fee Scale

Step	Weekly Fee	Gross Weekly Family Income For Families With				
		1 Member	2 Members	3 Members	4 Members	5 Members
1	\$ 1	\$ 83.42-84	\$109.09-111	\$134.75-137	\$160.41-163	\$186.08-189
2	3	85-86	112-113	138-139	164-166	190-193
3	5	87-88	114-115	140-142	167-169	194-196
4	7	89-90	116-117	143-144	170-172	197-200
5	8	91-92	118-120	145-149	173-177	201-205
6	10	93-96	121-126	150-155	178-185	206-215
7	12	97-101	127-132	156-163	186-194	216-225
8	14	102-105	133-137	164-170	195-202	226-234
9	16	106-107	138-140	171-173	203-206	235-239
10	20	108-109.03	141-142.58	174-176.12	207-209.67	240-243.22

Table 1-1. DHR Child Care Fee Scale (continued)

Step	Weekly Fee	Gross Weekly Family Income For Families With				
		6 Members	7 Members	8 Members	9 Members	10 Members
1	\$ 1	\$211.75-215	\$216.56-220	\$221.37-225	\$226.18-230	\$230.99-235
2	3	216-219	221-224	226-229	231-234	236-239
3	5	220-223	225-228	230-233	235-238	240-243
4	7	224-227	229-232	234-237	239-243	244-248
5	8	228-234	233-239	238-244	244-250	249-255
6	10	235-244	240-250	245-255	251-261	256-266
7	12	245-256	251-262	256-268	262-274	267-279
8	14	257-267	263-273	269-279	275-285	280-291
9	16	268-272	274-278	280-284	286-290	292-297
10	20	273-276.76	279-283.06	285-289.34	291-295.63	298-301.98

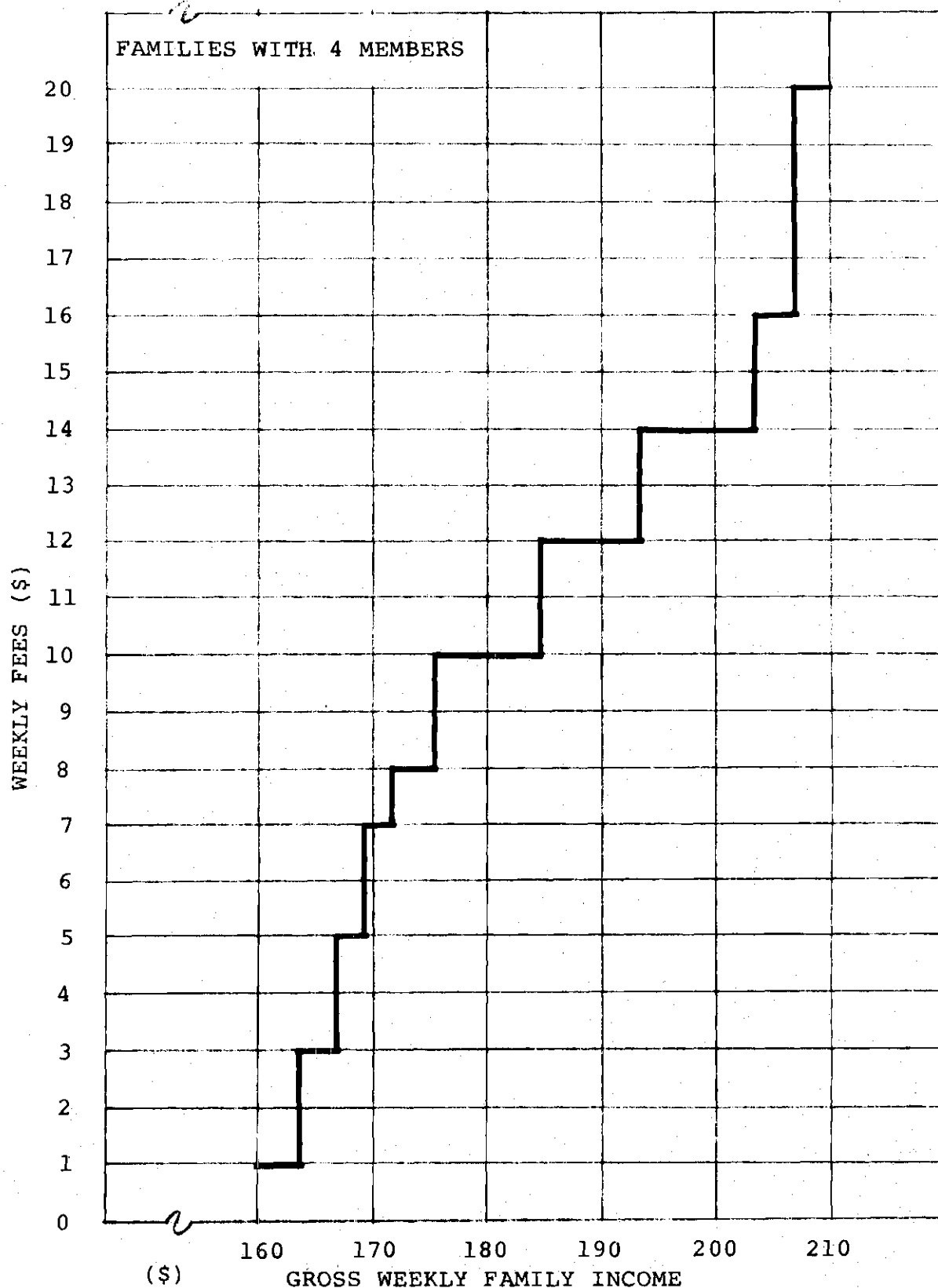


FIGURE 1-2, EXAMPLE OF INTERIM FEE SYSTEM

A major problem in the development of sliding fee scales is the lack of methodologies, models, and data required to evaluate the economic impacts of alternative fee scales on both the client population and the government. The problem is complex, even in the short run. To evaluate the long range impacts, it is necessary to recognize that the system exists in a dynamic environment. The number and characteristics of eligible children are constantly changing, as changes occur in family size and income distributions. The level of supply of government subsidized day care services is also likely to increase over time. The State's cost per child for providing the day care service can also be expected to inflate. The dynamic nature of the problem strongly suggests the applicability of a demographic economic simulation approach.

1.3 Objective, Scope and Limitations

The objective of the thesis is to develop a simulation model to assist the Georgia Department of Human Resources in the economic evaluation of alternative sliding fee scales for day care services. The simulation model is designed as a management tool in which DHR can easily adjust the initial conditions, fee scale parameters, and other economic and demographic assumptions. The model provides the computational mechanisms required to:

- (a) Analyze the economic impact on real income of the participating families.
- (b) Analyze the economic impact on the State of Georgia.

- (c) Analyze the impact on the demand and supply of child day care services.

The model is an abstraction of a real world problem which is very complex. The basis for the child care fee system is the Title XX section of the Social Security Act. Any changes in public law and policy could require changes in the basic structure of the model developed here. The State of Georgia has flexibility to implement their policies and concepts of child day care services. The administration of such a complex program can create regulations that could modify the model's ability to represent the real world situation. The lack of available data on child care creates the need for many assumptions and projections that could necessitate modifications as additional information becomes available. The model is designed, therefore, to facilitate user changes in the data base and model parameters.

The model provides the framework and mechanism for DHR to evaluate several sliding fee systems. DHR must provide data they wish to use. The primary source of data used in developing the model was the 1970 Census of the Population and other information received from the Georgia Department of Human Resources.

The problem addressed in this thesis is not unique to the State of Georgia. Virtually every state is faced with the problem of designing sliding fee scales in a complex environment. Though the model developed for Georgia may not

be directly applicable to any other state, the methodological concepts and the overall organization of the model should be of value to other states seeking to develop similar models.

1.4 Literature Survey

In the literature survey, emphasis was placed on studying the regulatory environment, the national and state day care system operation, and the need for a fee system to efficiently allocate resources.

The reports specifically address the problem of designing and evaluating sliding fee systems. Cash completed a thesis entitled "A Model for Sliding Fee Systems in Public Day Care" at Georgia State University in 1976. The objectives of the thesis were "...to develop a predictive model that can describe the potential impacts of sliding fee schedules" and "...to consider how a fee schedule should be selected and how the administrative machinery required to implement the proposed fee schedule should be used to evaluate the impact and effectiveness of that schedule" [3, pp. 22-23]. The model developed has several limitations:

- (1) The number of children in a family is not considered.
- (2) The costs of day care are held constant.
- (3) The model assumes that 11 percent of all 0-6 year olds at each income level will be served.

The output of Cash's model gives the number of children served, monthly fees, and monthly cost to the government over

several income ranges for varying fee rates on a one-time basis. This model provides one estimate at a single point in time. Cash concludes that there is a "...lack of a clear methodology for developing sliding fee systems for public day care" and there is "...a gap in the professional literature on the public administration of day care" [3, p. 42].

Abt Associates, Inc. of Cambridge, Massachusetts, published in 1972 a report entitled "Sliding Fee Schedules - A Simulation Analysis of Child Care Service and Cost under Welfare Reform" for the Department of Health, Education and Welfare. The objective of the project was "to identify a range of alternative fee schedules and to analyze the implications of each fee schedule in terms of the numbers and characteristics of families and children likely to be served, the cost of child care services to the government, and the cost to participating families" [2, p. I-1]. The report discusses in detail the payment mechanisms for subsidizing child care under H.R. 1. Abt compares linear and various types of nonlinear fee schedules as they impact upward-mobile families across the income breakeven point. They conclude that "...the overall impact of curving fee schedules cannot be predicted exactly since state and dynamic effects may be different" [2, P. II-24]. The Abt model (called SIMFARE-C) does not consider income notch effects produced by losing Medicaid, public housing, Aid to Families with Dependent Children, FICA, and Federal and State income tax. The model does not take into

account the IRS income tax deduction for child care. The model considers the manipulation of a single input data base at a one-time iteration, assuming all demographic factors remain constant throughout a one-year period. There is no consideration of the dynamic nature of the population environment over time. Abt also assumed a perfectly elastic supply curve; in other words, the supply is assumed to meet demand. Another significant drawback of the SIMFARE-C model is its great size and complexity. Abt states that the interpretations of "...the results of any single run or pair of runs is very difficult without analysis of many other runs" [2,p. III-3].

Presently, Abt Associates is preparing a "National Day Care Center Supply Study" for the Department of Health, Education and Welfare. Their purpose is to update nationwide information on the characteristics of licensed day care centers. Abt proposes to provide a statistical profile of day care center industry by state. The profile will include:

- (1) general characteristics of day care centers
- (2) geographic distribution of centers
- (3) distribution of staff characteristics
- (4) financial characteristics
- (5) characteristics of families served, including income, number of children enrolled per family and percentage of mothers working [1, p. 3].

Abt proposes to design a model "to forecast the impact of alternative licensing regulations, alternative monitoring

and funding strategies and variations in local conditions" on the following variables [1, p. 4]:

- (1) licensed capacity
- (2) enrollment
- (3) number of paid staff and average wage
- (4) average cost of child care per child-year
- (5) average parent fee
- (6) total private-paid enrollment
- (7) numbers of profit and non-profit centers

The Abt supply study does not apply to the development of sliding fee systems. They plan to study available facilities and staff, not how a fee system would impact the day care system. In addition, Abt's scope is a national one, encompassing a large number of interrelated variables that might not be relevant in a state-level child care system. Their supply data are scheduled to be completed in Winter, 1978.

Summarizing, the literature research reveals very limited professional articles written on sliding fee systems for day care services. Only two reports specifically address sliding fee systems design. Cash's model is limited mainly by the assumption of a static environment. Abt Associates' study on sliding fee systems on a national scale limits the practicability and evaluation of the results, due to the large number of interrelated variables (about 400). Neither Abt nor Cash considers the dynamic nature of the day care environment

over time. The Abt Day Care Supply Study will focus on the national level. Its purpose is to update nationwide information on day care facilities, staff and programs. Hence, it will not apply directly to the design and evaluation of sliding fee systems.

1.5 General Methodology

The model is written in FORTRAN, so that it can be widely interpreted and run on as many types of computers as possible. It is a deterministic simulation and employs fixed-interval (one year) clock updating. The maximum run length is five years.

The major input variables include:

1. An initial matrix of the numbers of families cross-classified by income ranges and family size (one matrix for each of the ten geographic DHR Districts).
2. Factors by which the number of families in each cell of the family income/family size matrices are expected to change during each one-year update.
3. The distribution of children by age (i.e., infant, pre-school, elementary school) demanding and using day care services for each DHR District.
4. An assumed demand curve for child care services expressed in terms of the percentage of families demanding the service as a decreasing function of fees as a percentage of net real income (adjusted for loss of other benefits and increasing taxes).
5. The initial number of child care slots available by DHR District, and assumptions as to how that supply will increase over time. Four possible assumptions for the increase in supply are:
 - a. The supply will increase or decrease linearly at some specified slope.

- b. The supply will increase or decrease exponentially by some specified percentage in each one-year period.
- c. The supply will increase or decrease as a function of income received from fees.
- d. The supply will increase or decrease in response to demand.

This model utilizes the last method to adjust supply for the next time period.

- 6. Cost per child to the State of providing day care services as a function of child age and DHR District.
- 7. Schedules of benefits lost (e.g., food stamps, public housing, Aid to Families with Dependent Children, etc.) and additional taxes incurred as family income rises.
- 8. The sliding fee scale itself, expressed in terms of fees charged as a function of family income adjusted for family size. The sliding fee scale is based on an assumed percent of the maximum fee the State can charge based on average care cost per child for each DHR District.

During each one-year update of a simulation run, the following sequence of computational operations is performed:

- 1. Update the current supply of child care slots in each district.
- 2. Revise the family income/family size matrices for each of the DHR Districts.
- 3. Determine the demand for day care services by family income range and child age in each district.
- 4. Determine the total cost of services provided, the fees paid by participating families, and the cost to the government.

The results of the above computations are printed at the end of each update.

CHAPTER II

MODEL DESCRIPTION AND BASE RUN

2.1 Technical Overview and Limitations

Appendix A provides definitions of all model variables and a complete listing of the computer program. This information should be useful in model maintenance and in any further model development efforts. Appendix B provides documentation required by the user in actually running the model. Specifically, it shows the formats for inputs and methods for controlling the length and output produced in each run. It is assumed that anyone attempting to use the documentation in Appendix A or B would be familiar with the operational characteristics of the model as described in detail in the next section.

In addition to the assumptions that are presented in the last section of this chapter, the model has several general limitations that are technical in nature:

1. The model accounts for only one facet of family eligibility for public day care services. Eligibility for Title XX services is determined by one of the following categories [7, pp. 24-25]:

- a. Persons receiving assistance under the Aid to Families with Dependent Children program (AFDC)

- b. Persons receiving benefits under the Supplemental (Social) Security Income program (SSI) or state supplemental payments.
- c. Persons whose family income, adjusted for family size, is less than 80 percent of the State median income.

This model determines family eligibility from the adjusted median income only. Recipients of AFDC and SSI benefits overlap with income-eligible families. Hence, income should be the dominant factor determining family eligibility for public child day care services.

2. Eligibility priorities, as established by the "Contract Services Policy Issuance 76-23" dated December 1, 1976, are [6]:

- a. DFCS referrals
- b. AFDC working mothers
- c. Income eligible working mothers
- d. Other eligibles under Income Scale I
- e. Former clients

However, the model establishes day care service priorities as follows:

- a. DHR income eligible children demanding public child day care services on a free basis (family income is less than 61 percent of the state adjusted median income).
- b. DHR income eligible children demanding public child day care services on a fee basis (family income is between 61 and 80 percent of the state adjusted median income).
- c. Non-DHR income-eligible children demanding public child care services on a fee basis (family income is greater than 80 percent

but less than 115 percent of the state adjusted median income). Federal regulations allow states to provide public child day care services on a fee basis for eligible children. The State of Georgia presently does not offer this service in this category. The model, then, can serve as a planning tool for DHR to provide day care services to children in this income category.

Further refinements of the model could statistically include the five DHR eligibility priorities.

3. The supply schedule represents available contracted slots (spaces) for public day care services on a DHR District level. The supply schedule could be expanded to incorporate geographic areas of importance within districts (e.g., to study major problem areas; isolate growing urban and metropolitan areas, such as Macon, Columbus, Augusta, Valdosta ...).

4. The model does not account for less than full-day users of public child day care services. National sample statistics show day care usage has the characteristics as follows:

CHILDREN RECEIVING DAY CARE CENTER CARE

Use Mode Category	%	Age Groups		
		Users	3 yrs.	3-5 yrs. 6-13 yrs.
Casual (10 hrs/wk)	17.6	27.8	42.8	29.4
Moderate (10-29 hrs/wk)	26.2	16.2	38.3	45.5
Heavy-full (30+ hrs/wk)	56.2	9.6	64.5	26.0
TOTAL - all children	100.0	14.5	53.8	31.7

The model, however, assumes that all users are full-time.

5. The exact cut-off points of 61, 80, and 115 percent of the State adjusted median income for family eligibility are compared with family income levels rounded down to the nearest \$1,000 per year. Further refinements of the model could treat these cut-off points more precisely.

2.2 Detailed Description of the Model

2.2.1 Model Overview

The model is divided into seven computational phases. Figure 2-1 presents an overview of the logical sequence of the seven phases. Generally, the input data consist of socioeconomic/demographic statistics, family income benefits and expenses, day care demand schedule, day care supply (slots), public day care benefits, costs and parameters, and factors which will change the supply and demand of day care services through time.

Phase 1 transforms available census data into socioeconomic family and children distributions throughout the State. It also segregates these socioeconomic distributions into ten geographic areas which correspond to the ten Department of Human Resources (DHR) Districts.

Phase 2 constructs the model income and economic parameters. The model creates the sliding fee scale from the day care costs and the relationships of fees to costs that were

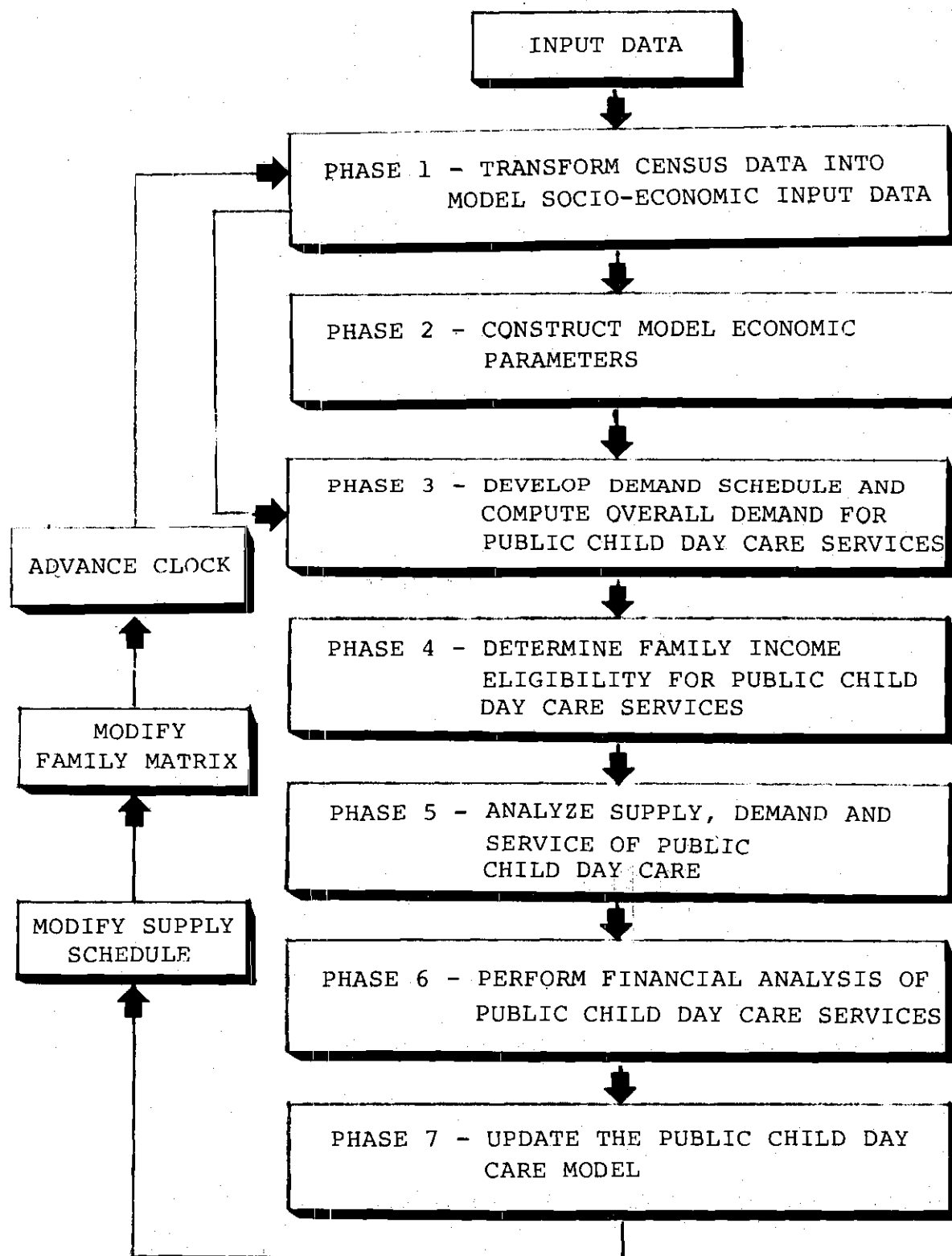


FIGURE 2-1. OVERVIEW LOGIC DIAGRAM

inputs to the model. Based upon the expected day care fees per family, together with other costs and benefits derived from public agencies, a family's real net income is computed. The day care fees and the real net income per family are computed separately for a matrix of 13 family income brackets by 10 family sizes. The real net income and expected day care fees for a family are the determining factors for the demand of public child day care services.

Phase 3 computes the total demand for public day care services from the demand schedule. The demand schedule is defined by input coordinates. The ratio of the expected fees per family to real net family income is the independent variable. These ratios with the demand curves determine the percent of families demanding public child day care services for each family size and income combination. The model then calculates the number of families that demand public child day care services regardless of their eligibility for the service under Federal and DHR regulations.

Phase 4 determines eligibility for public child day care services. The model makes this determination by comparing family income level and family size in each geographic region (DHR District), with a pre-determined income eligibility category. The income eligibility categories are fixed by Federal and DHR regulations and policies that dictate the family income cut-off points. The number of income-eligible families are converted to the children demanding the service

in three public day care service categories. These three day care service categories identify children (1) eligible for free day care, (2) eligible for day care on a fee basis, or (3) not presently eligible on a fee basis in Georgia, but eligible by Federal regulations.

Phase 5 analyzes the demand for public day care services. The number of children demanding public day care for each of the three day care service categories is compared to the available contracted spaces in each DHR District. The model establishes service priorities allocating slots in the following orders:

1. children demanding day care on a free basis
2. children demanding day care on a fee basis who are income eligible by present DHR policies
3. children demanding day care on a fee basis who are not eligible under present DHR policies but eligible under Federal regulations.

Phase 6 determines the financial implications to government and participating families on a DHR district and state basis of providing public child day care services. Day care costs are computed by children's age groups. Fees received by the State are calculated and compared with total operational costs to determine the net costs to the government for providing day care services.

Phase 7 alters several variables in the model which are assumed to change over time. The simulation clock advances in one-year increments. At the end of each year, the model

increases or decreases the available public day care contracted spaces (supply) as a function of demand in the previous year. The model also changes (increases, decreases) the number of families in a specific socio-economic level by fixed percentages.

The simulation clock is then advanced by one year, and control returns to Phase 1 to repeat the computational process. After the first year, however, it is not necessary to perform Phase 2, so control passes from Phase 1 to Phase 3.

The model can be run for any desired number of years. Due to the inherent inaccuracies in such a model, however, runs of more than five years are not recommended.

2.2.2 Technical Details of the Model and Base Run

Input Data and Variables. Appendix B describes in detail the mechanics of entering the input data. The model uses 30 input variables. The values of most of the input variables are printed with the output for the first simulated year. Appendix A-1 contains an alphabetical listing of all variables cross-referenced to the computational phase of the model where it appears. Appendix A-2 defines the variables alphabetically within the seven computational phases of the model. The input data and variables are discussed within the appropriate computational phase. The complete computer program appears in Appendix A-3.

The model will be described together with the input data and results of the "base run". The input and output

data of the base run are in Appendices D through L. The base run was made using available socio-economic and demographic data, together with assumed data where the information was not readily available. The base run will show the interrelationships of variables and the flexibility of the model. It also provides a benchmark from which to perform sensitivity analysis. Where similar but multiple tables are printed by the model, the thesis only contains a representative sample of the tables.

Phase 1 - Transforming Census Data into Model Socio-Economic Input Data. Phase 1 combines and transforms available demographic data into a form required by the model. Figure 2-2 shows a simplified logic diagram of Phase 1. The flow diagram also shows the variable names involved, the appendices where base run data can be found, and the line numbers in the FORTRAN program where the operations are performed.

The Total Families by Income Levels and DHR Districts (TFYD - Appendix D) matrix provides the basic socio-economic and demographic data for the base run. These data were derived from the 1970 Census of the Population [9, Table 124]. DHR has divided the State into ten districts (Appendix C). Each of the districts has unique demographic and socio-economic characteristics. Hence, the county data were grouped into the ten DHR Districts. The initial family socio-economic matrix shows the number of families by districts and family

<u>APPENDIX</u>	<u>PROGRAM</u>
	<u>LINE NO.</u>

READ

TFYD - TOTAL FAMILIES
BY INCOME LEVELS
BY DHR DISTRICTS

D.1 311

↓

READ

FCYMDR - DISTRIBUTION OF
FAMILY SIZES IN RURAL
DHR DISTRICTS

FCYMDU - DISTRIBUTION OF
SIZES IN URBAN DHR
DISTRICTS

D.2 312,313

↓

READ

PFCUF - DISTRIBUTION OF
FAMILIES WITH CHILDREN
UNDER 14 YEARS

CFE - CHILDREN DISTRIBUTION
WITHIN FAMILY SIZE

D.3 314, 315

↓

COMPUTE

RTFDG,
TFDG - "FAMILIES IN GEORGIA"
BY DISTRICT,
BY FAMILY INCOME;
BY FAMILY SIZE.

D.4 345-361

↓

COMPUTE

FWCUF - "FAMILIES WITH CHILDREN
UNDER 14 YEARS"
BY DISTRICT;
BY FAMILY INCOME;
BY FAMILY SIZE.

D.5 364-369

↓

(B)

FIGURE 2-2. LOGIC DIAGRAM-PHASE 1

income levels.

The Distribution of Family Sizes in Rural DHR Districts (FCYMDR - Appendix D-2) matrix provides the factors for the base run by which family sizes are distributed in each income level. The Distribution of Family Sizes in Urban Districts (FCYMDU - Appendix D-2) matrix shows similar data but applies to the urban DHR District (i.e., District 3 - the Atlanta area). These data [9, Table 199] are inputs to the model.

The base run Families in Georgia matrix (TFDG - Appendix D-4) is computed by multiplying the Distribution of Family Sizes by the Total Families matrix. Therefore, the Families in Georgia matrix is classified by DHR Districts, by family income level and by family members.

The Distribution of Families with Children under 14 Years (PFCUF - Appendix D-3) was derived from national sampled statistics [10, NCCS, Table III-7]. The Children Family Factor (CFF - Appendix D-3) assumes that a family size of one member consists of one adult and no children. A family size of two consists of one adult and one child under 14 years of age. Family sizes of three to ten members consist of two adults and the remainder are children under 14 years of age. Both variables are inputs. The Children Family Factor is used later in the model to derive the number of children demanding public child day care services in each of the DHR Districts.

The Families with Children under 14 Years Old (FWCUF - Appendix D-5) for the base run is computed by multiplying the Families in Georgia matrix by the Distribution of Families with Children under 14 Years. This will be the basic matrix to determine families and children demanding public day care.

Phase 2 - Constructing Model Economic and Income Parameters. Phase 2 computes the real net family incomes for a "typical" family in a specific DHR District, income level and family size. The real net family income is then used as a factor to determine demand for public child day care services. Figure 2-3 shows the logic diagram for Phase 2.

The parameters used to compute real net family income are:

1. Income Tax Liability
2. FICA Withholding
3. Expected Public Child Care Fees Per Family
4. Medicare Program Benefits
5. Public Housing Program Benefits
6. Aid to Families with Dependent Children Program Benefits
7. Federal Food Stamp Program Benefits
8. Average Income

The base run uses estimated and assumed data for some of the income parameters. Some of the data were not readily available in useable form. Nevertheless, the data are consistent in terms of their relationships with family size and

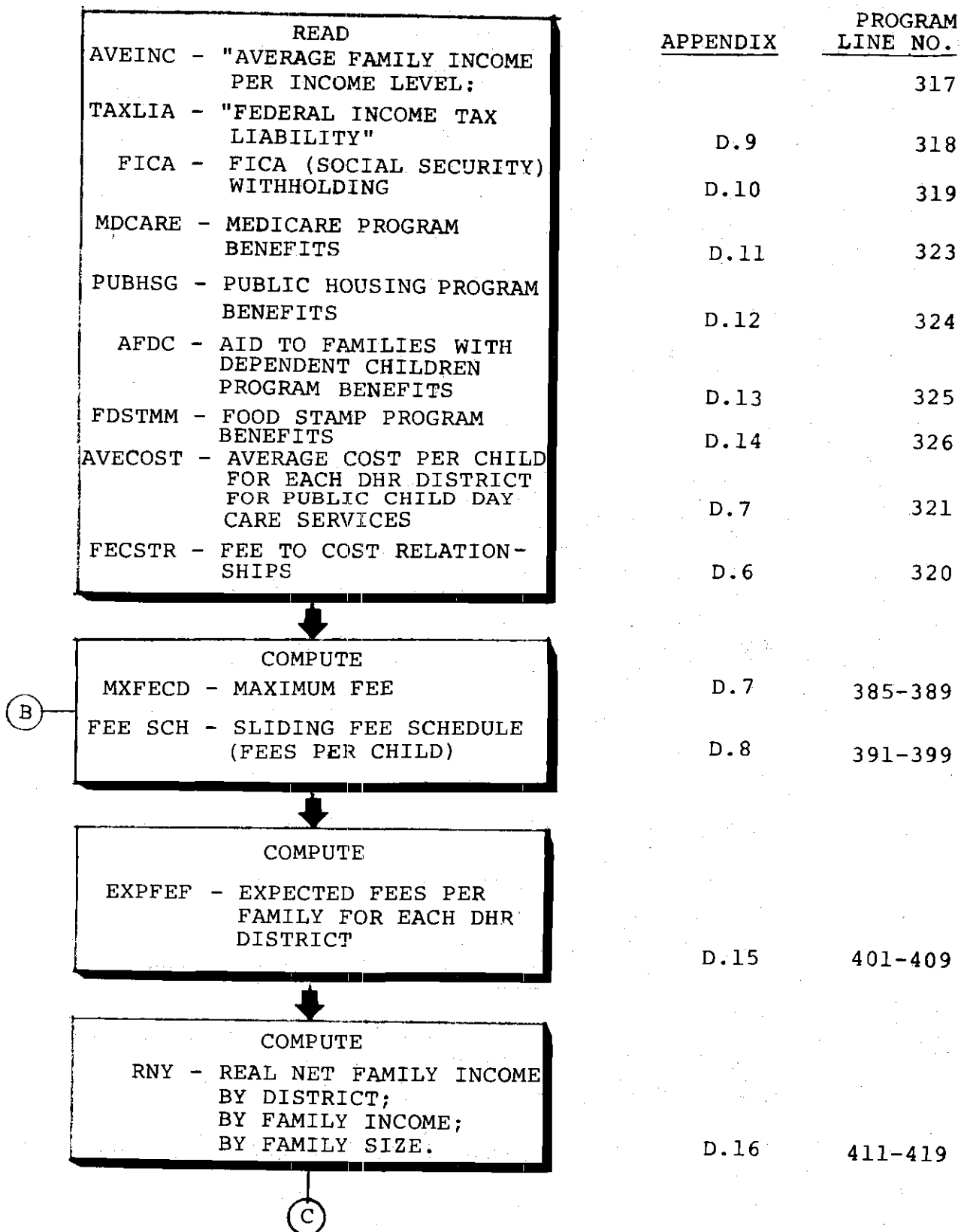


FIGURE 2-3. LOGIC DIAGRAM-PHASE 2

family income, and have been judged "realistic" for model testing purposes by DHR personnel.

Income Tax Liability (TAXLIA - Appendix D-9) is calculated from the 1976 Federal income tax tables and excludes all state and local taxes. The computations assume a married couple filing a joint tax return.

FICA Withholding (FICA - Appendix D-10) from wages are estimated values that employers withhold for Social Security taxes.

The Expected Public Child Day Care Fees per Family (EXPFEF - Appendix D-15) are computed by the model. The model assumes these fees to be for full-day child care. It also assumes that the maximum fee per child is the average full-day child care cost per child for a particular district. The expected public child day care costs are shown in Appendix D-7. The procedure by which these figures are computed is explained in detail later in this section.

Medicare Program Benefits (MDCARE - Appendix D-11) increase the real net income for Medicare-eligible families. The Medicare benefits used in the base run are assumed.

Aid to Families with Dependent Children Program (AFDC - Appendix D-14) benefits also increase the real net income. AFDC benefits used in the base run are assumed, since neither H.E.W. nor DHR could readily supply the data.

Public Housing Program benefits (PUBHSG - Appendix D-13) primarily apply to lower income families and can significantly change real net income. These benefits were also assumed

for the base run.

Federal Food Stamp Program benefits (FDSTMM - Appendix D-12) enable low income families to purchase food items to improve their diets. Food stamps are purchased by eligible families based on their family size and net income. The "maximum purchase requirements" [11, FNS-70] were converted into family income benefits. Average income is the arithmetic average of the family income level range.

The Title XX Plan for Georgia [7] provides social services to low income families that increase their real net income. These benefits could be quantified and incorporated into the model, though they tend to relate to special or transitory family situations. Services provided by the Title XX Plan are:

1. Adoption
2. Child Care Services
3. Chore and/or Homemaker Services
4. Day Care for Adults
5. Employability Services
6. Family Planning Services
7. Foster Care for Children and Adolescents
8. Health Related Services
9. Home Delivered or Congregate Meals
10. Home Evaluation and Supervision
11. Home Management and other Functional Educational Services

12. Information and Referral Legal Services
13. Protective Services for Adults
14. Services to Expectant Parents
15. Protective Services for Children
16. Special Day Care and Training Services
17. Special Services to Children and Youth
18. Evaluation of Vocational Potential and Transportation Services

Other Federal benefits, including Supplemental (Social) Security Income and income tax deductions for day care expenses, are not taken into account in the model.

The Real Net Family Incomes (RNY - Appendix D-16) are calculated for each income level and family size combination within each district. This variable is computed by subtracting taxes and expected child care expenses (fees) from an average income in a specific income level and adding other benefits to yield the real net family income.

The Real Net Income computations for the base run show the significant effect that government benefits have on the real net family income. For example, with estimated and assumed income benefit data, the income level of \$5-5,999 for District 3 shows real net family income ranging from \$4,900 to \$11,182, depending on family size. The table also shows the notch effect or real net income drop for a given family size as gross family income increases.

The Sliding Fee Schedule (FEESCH - Appendix D-8) is

assumed to be a function of the average public child day care cost as the maximum fee that can be charged, in accordance with Federal regulations [5, pp. 5860, 8228, 62(c)(iv)]. The Average Cost per Child (AVECOST - Appendix D-7) was computed from the Georgia Title XX Plan for 1977 by dividing total expenditures by total children served. These average care costs per DHR Districts are taken as the maximum fee (MXFECD - Appendix D-7).

The Sliding Fee-to-Cost Proportions (FECSTR - Appendix D-6) show the relationship of fees to be charged in each family size and income category to the maximum allowable fees for each DHR District.

These fees-to-cost proportions, together with the public day care cost, are the determining factors for the public day care fees. The base run input data for the fees-to-cost proportions indicate zero values for DHR income-eligible children using public day care on a free basis. The non-DHR income eligible category is given values close to one. DHR income-eligible categories, using public day care on a fee basis, are given a range of values from .40 through .90 in order to ameliorate the income notch effect.

Phase 3 - Demand Schedule and Overall Demand for Public Child Day Care Services. Phase 3 constructs the demand schedule based upon three input coordinates. The demand schedule specifies the percent of families demanding public child day care services for a particular district, income level, and

family size. This phase computes the number of families with children under 14 years of age demanding service, regardless of eligibility. Figure 2-4 shows the logic diagram for Phase 3.

The demand for public child day care services was assumed to be a function of expected fees for child care as related to the net family income. Therefore, the independent variable in the demand function is the ratio of the Expected Public Child Day Care Fee per Family to Real Net Family Income (FETORY - Appendix E-1). The dependent variable, Percent of Families Demanding Public Child Day Care (PFDS - Appendix E-2) has an inverse relationship with the independent variable. The demand function consists of two negatively sloped intersecting straight lines. The input data consist of three pairs of coordinates necessary to define the demand function. The demand function used in the base run of this model is graphically portrayed in Figure 2-5.

The model calculates the slopes and intercept points to form the boundaries of the demand function. If the independent variable falls outside these boundaries, the dependent variable is set to zero. The percent of families demanding service is calculated for each District by family income and size. The model then computes the Families with Children under 14 Years Demanding Public Child Day Care Services (FCUFDS - Appendix E-3) by family income and family size for each District.

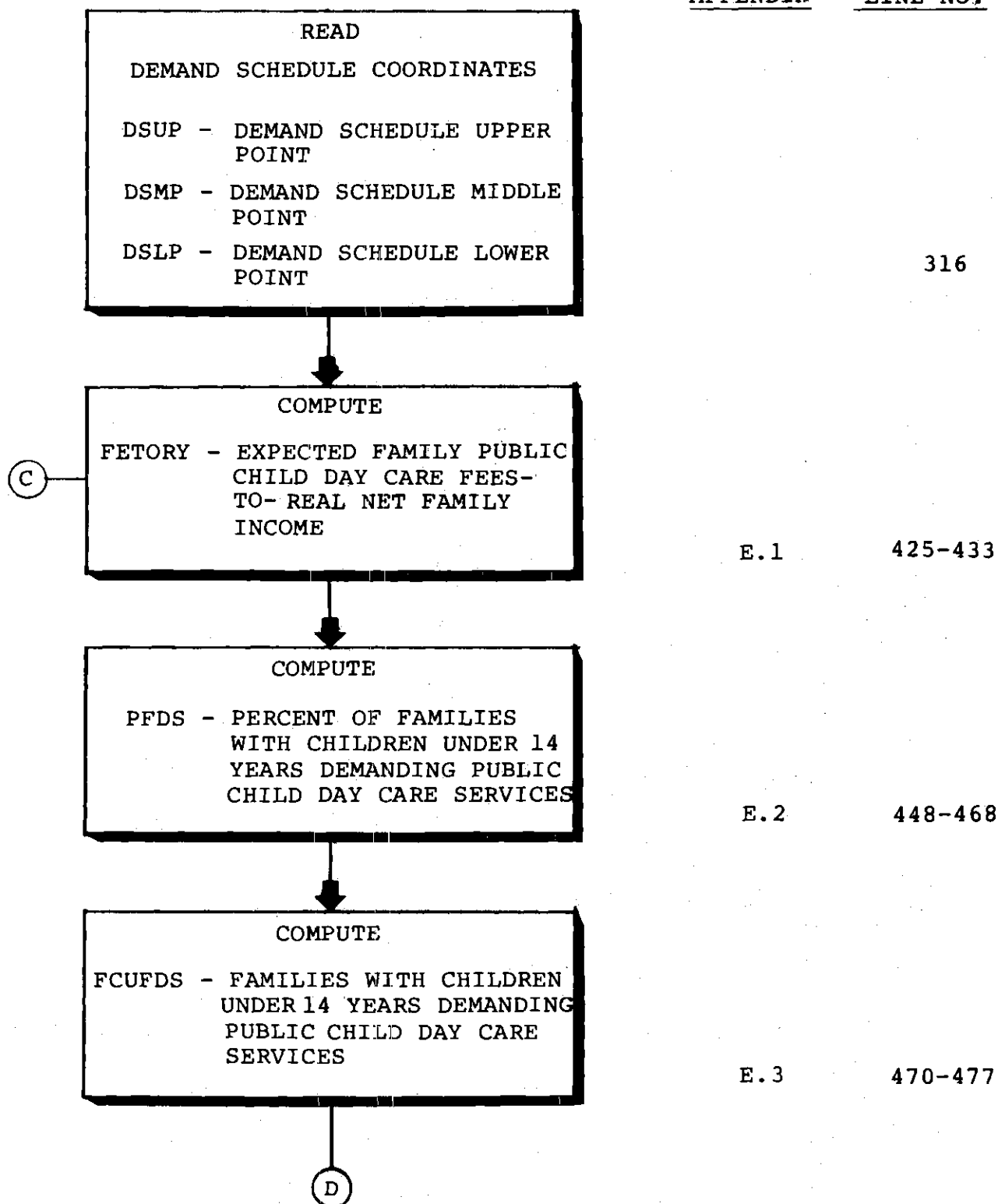
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FIGURE 2-4, LOGIC DIAGRAM-PHASE 3

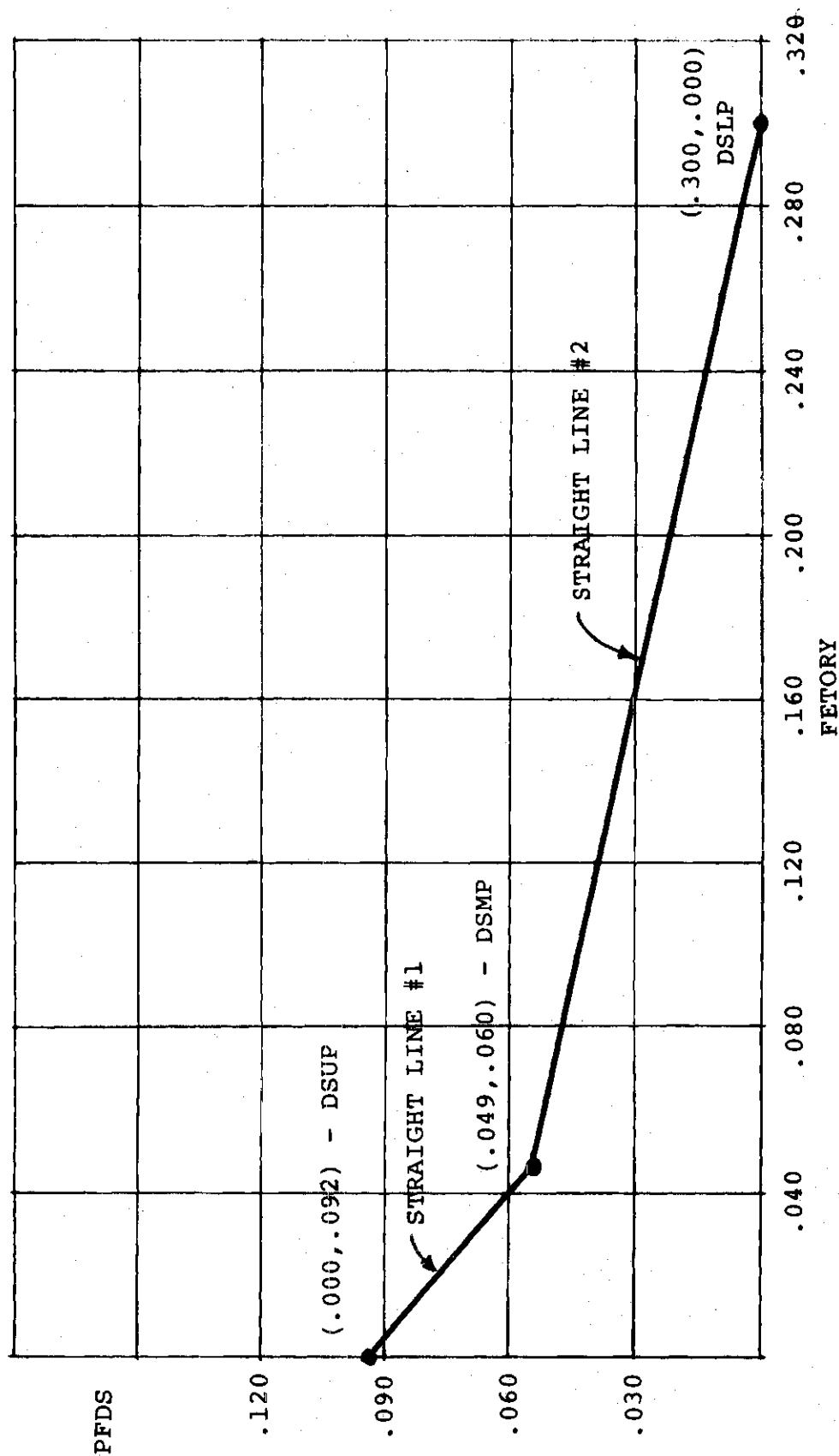


FIGURE 2-5. DEMAND FUNCTION

LEGEND:

PFDS - Percent of families demanding service

FETORY - Child care fees per family-to-real net family income ratio

The Fee-to-Real-Net-Income Ratios for the base run show the effect of the sliding fee schedule as it compares with real net income. The expected fees for public day care become a larger percent of real net income as gross family income rises for a given family size. Urban (District 3) and rural (District 4) differences are apparent. District 3 ratios range from .13 to .50, while District 4 ratios range from .03 to .14. This pattern of ratios will determine the pattern of demand throughout the State.

Phase 4 - Family Income Eligibility for Public Child Day Care Services. Phase 4 screens the overall demand by applying the governmental income eligibility criteria. The model cuts off families demanding public day care by comparing an average rounded-off family income with three income cut-off points that are inputs to the model. Family demand is categorized into:

1. DHR income eligible demanding public day care on a free basis
2. DHR income eligible demanding public day care on a fee basis
3. Non-DHR income eligible demanding public day care on a fee basis.

Families demanding services are converted to children demanding day care by applying the Children Family Factor. The logic diagram for Phase 4 appears in Figure 2-6.

Federal regulation establishes criteria, parameters and guidelines for state governments to administer H.R.1, Title

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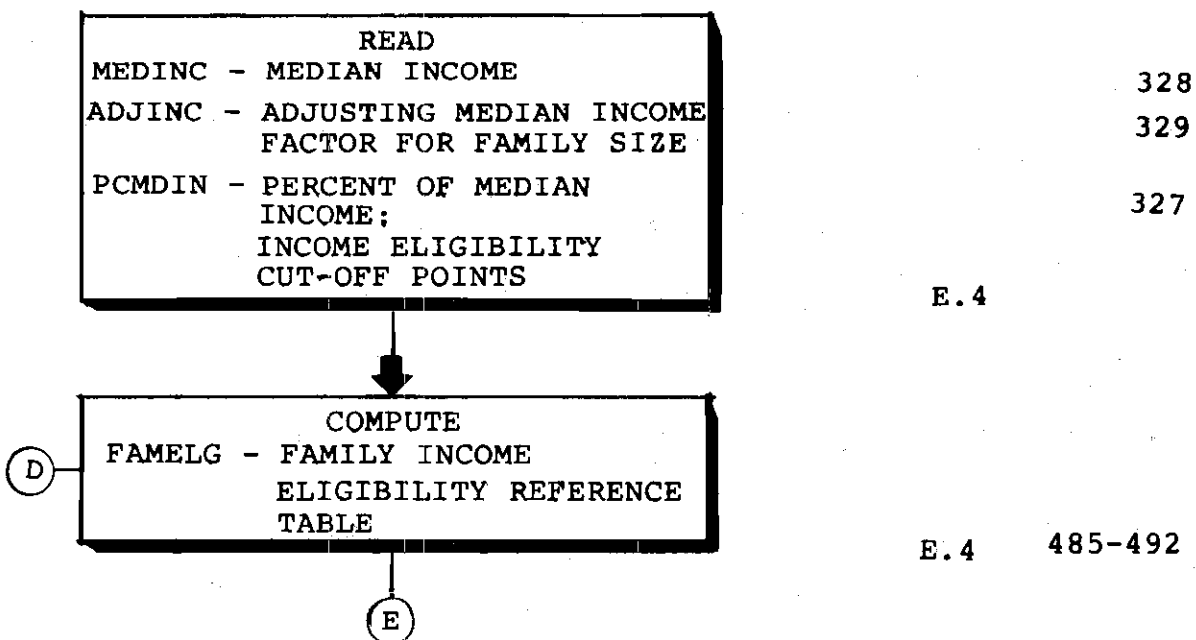


FIGURE 2-6. LOGIC DIAGRAM-PHASE 4

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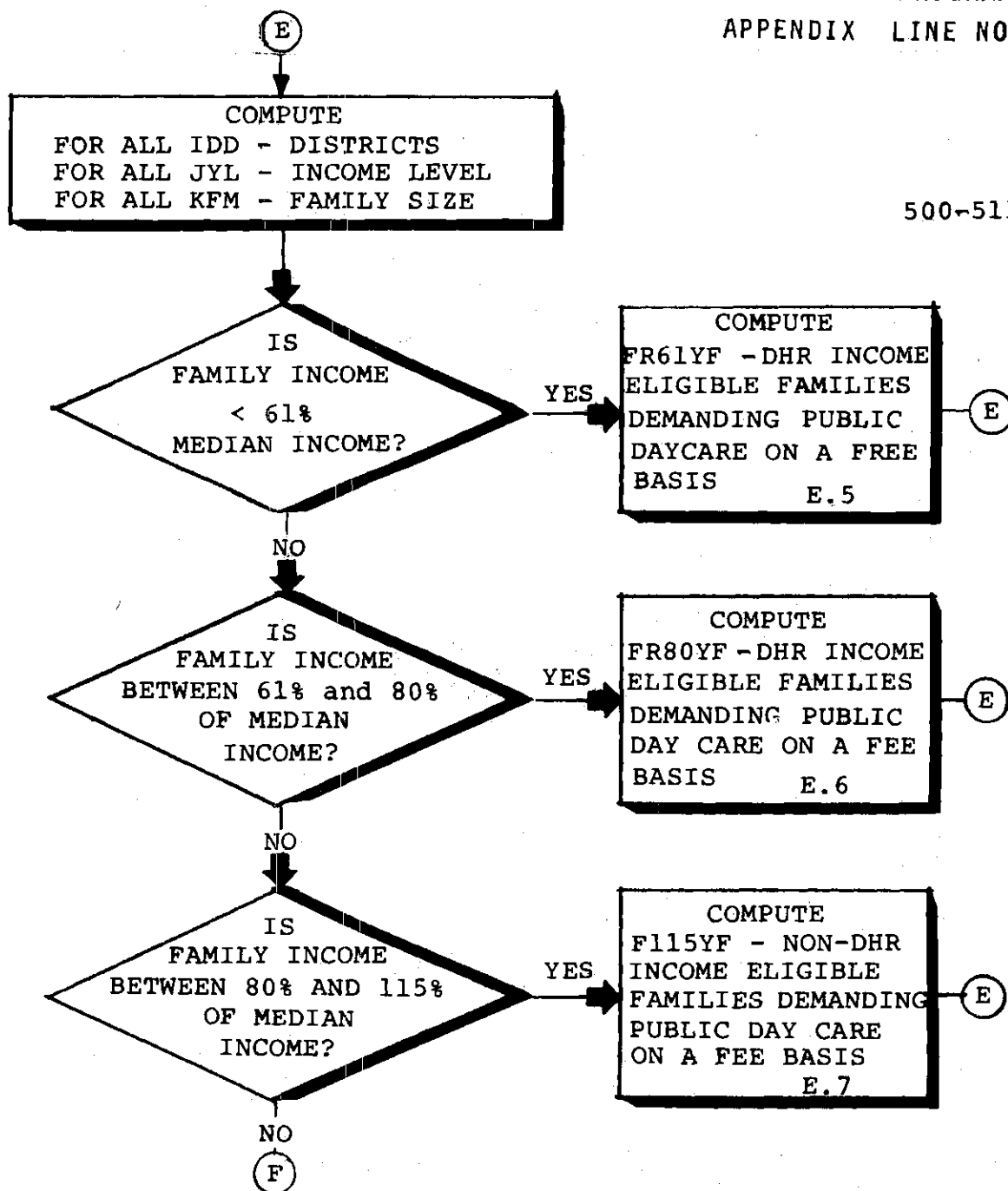


FIGURE 2-6A. LOGIC DIAGRAM-PHASE 4

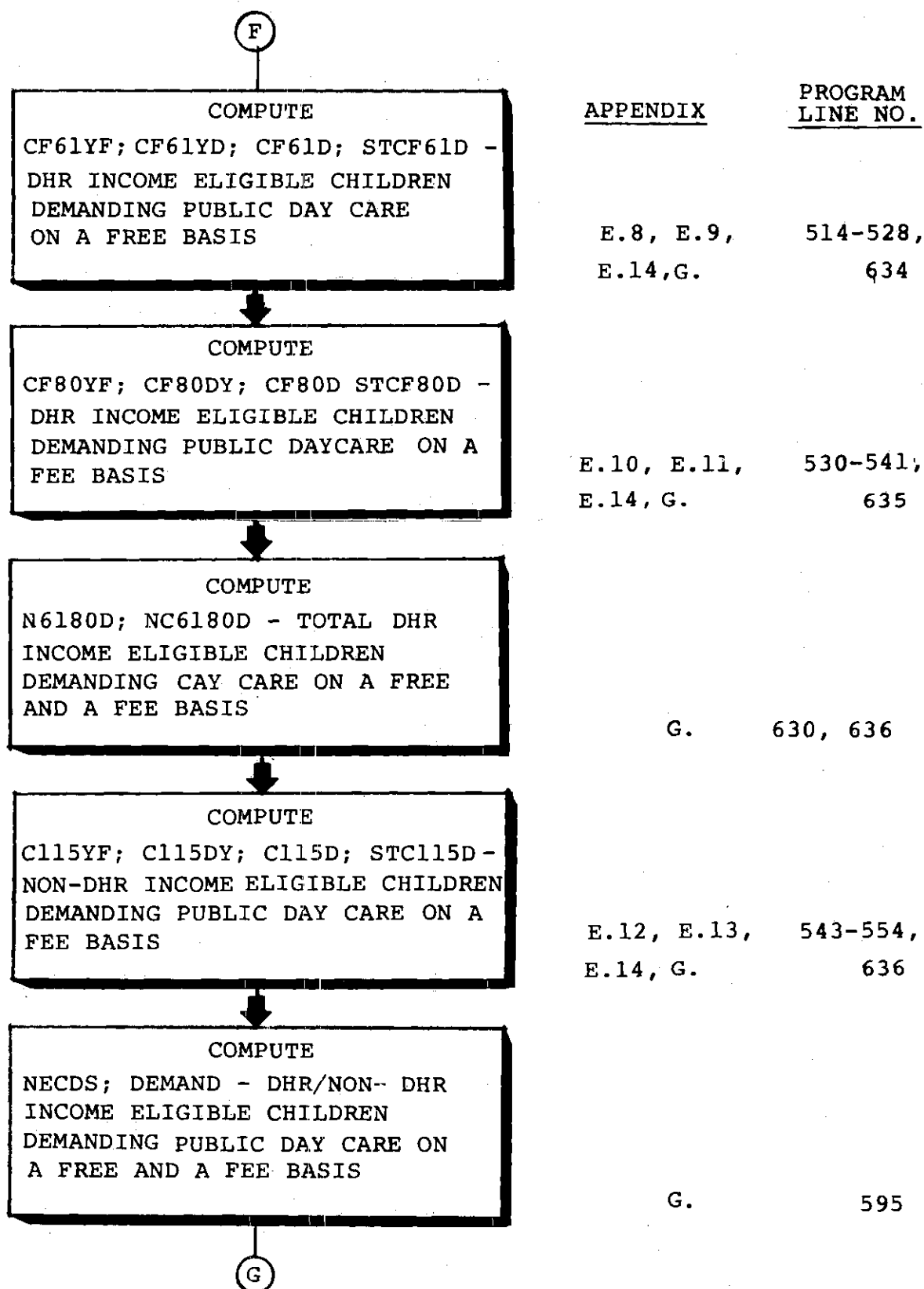


FIGURE 2-6B. LOGIC DIAGRAM-PHASE 4

XX benefits. These benefits can be offered to families who are eligible on numerous bases. Public day care eligibility can be determined on an adjusted family income basis. Federal regulations give the states the option of implementing a fee system which may vary with the participants' ability to pay. The states also have the discretion to establish eligibility cut-off points within the Federal guidelines. The following paragraphs describe the Federal regulations and Georgia's policies in regard to public child day care services.

The Family Income Eligibility Reference Table (FAMELG - Appendix E-4) is determined by the Federal and DHR Title XX regulations and policies. Income eligibility and the establishment of day care fees are based on the median income adjusted for family size. The State median income is the family income for a family of four as promulgated by the Secretary of HEW on or before December 1st of each year. Federal regulations [5, p. 5858 & 228.60(d)(2)] allow the State median income to be adjusted for family size. The Adjusting Income Family Size factors (ADJINC - Appendix E-4) are input variables.

Federal regulation [5, p. 5858 & 228.60(d)(1)] states "Individuals whose eligibility is based on income status shall be subject to imposition of a fee for service ... if their family's monthly gross income exceeds 80 percent of the median income of a family of four in the State ... and does not exceed 115 percent of the median income of a family of four

in the State, adjusted for family size". These are mandatory fees for eligible families.

The Georgia Department of Human Resources is presently operating under Title XX, §228.62(b) - Discretionary Fees. The Federal regulations allow the State to impose a fee to any individual who is income eligible and "whose family's monthly gross income is less than 80 percent of the median income of a family of four in the State, adjusted for family size..."

The model uses the DHR income eligibility cut-off points as input variables. This allows for future changes in these parameters to be introduced in the model. The base run uses the following cut-off points (PCMPIN - Appendix E-4):

1. Public child day care service on a free basis - family income is less than 61 percent of the State adjusted median income
2. Public child day care service on a fee basis -
 - a. DHR income eligible: Family income is between 61 and 80 percent of the State adjusted median income
 - b. Non-DHR income eligible (but fee basis eligible in accordance with Title XX Federal regulations): Family income is greater than 80 percent but less than 115 percent of the State adjusted median income.

Therefore, the Family Income Eligibility Reference Table is constructed by adjusting the State Median Income by family size in accordance with Federal regulations at the Georgia DHR income cut-off points. Each cell of the Families with Children under 14 Years Demanding Service matrix is compared

to its appropriate category in the Income Eligibility table. Income eligible families demanding service are then segregated by category of Public Day Care service. The numbers of children demanding the service by eligibility category are computed by applying the Children Family Factor. Since urban districts have different demand characteristics than rural districts, the model adjusts urban demand by multiplying the children demanding service in District 3 by the Urban Density Demand Correction Factor (UUDDCF). The base run assumes this correction factor to be 3.075.

Phase 5 - Supply, Demand and Service Analyses of Public Child Day Care Services. Phase 5 performs two analyses. A Supply and Demand Analysis is made at District and State levels (Appendix F). A Demand and Service Analysis is a more detailed look at Public Day Care usage as it is further broken down by children age groups (Appendices G-1 and G-2). Figure 2-7 portrays the logic diagram for this phase. Each of the income eligibility categories is analyzed in four modes:

1. by Districts
2. by Districts and Age Groups
3. by Age Groups at State Levels
4. by State Totals

The available spaces for all public day care services is determined by the input variable - Supply Schedule (SUPSCH - Appendix F). The Georgia Department of Human Resources, Title XX Administration purchases child day care services

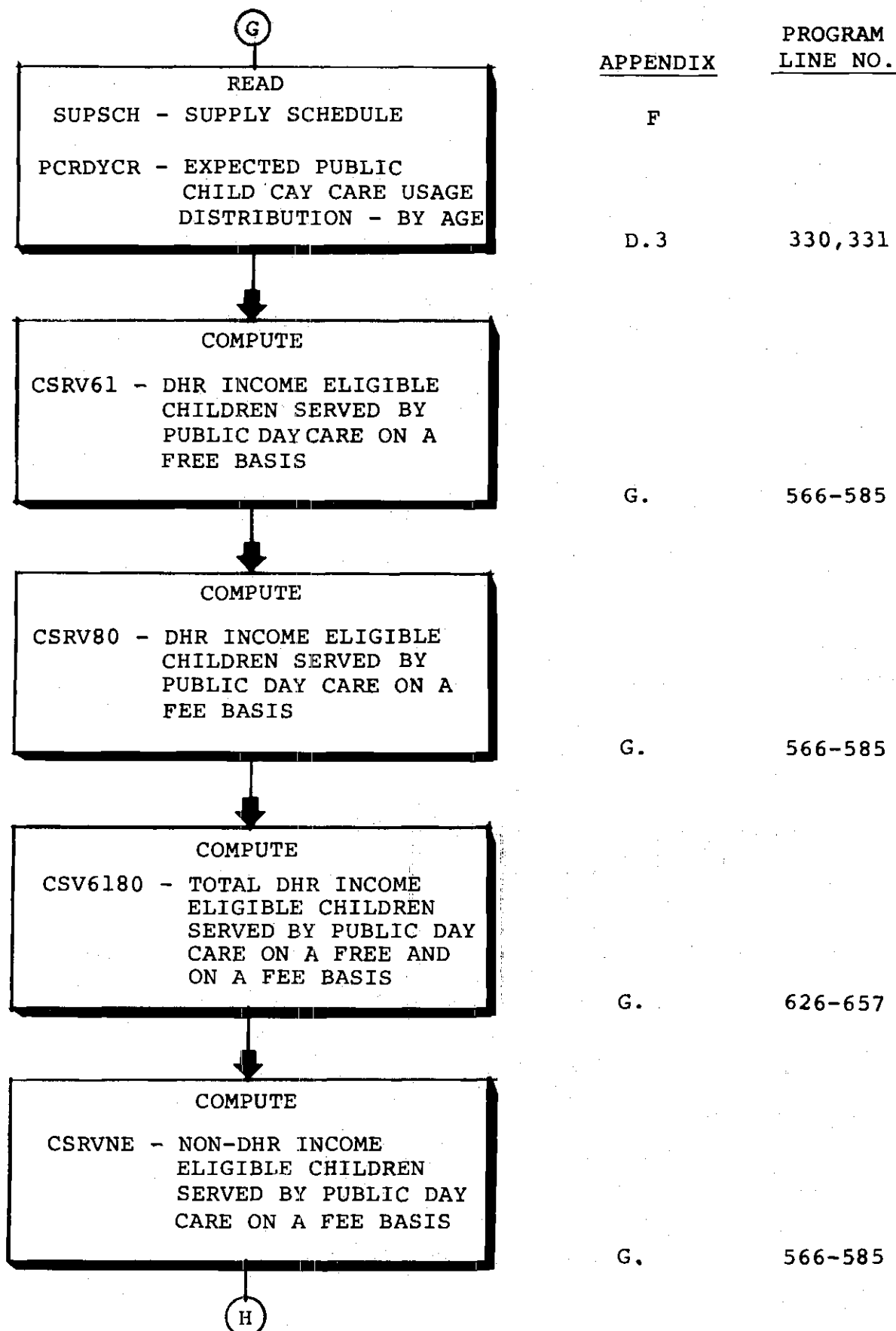


FIGURE 2-7. LOGIC DIAGRAM-PHASE 5

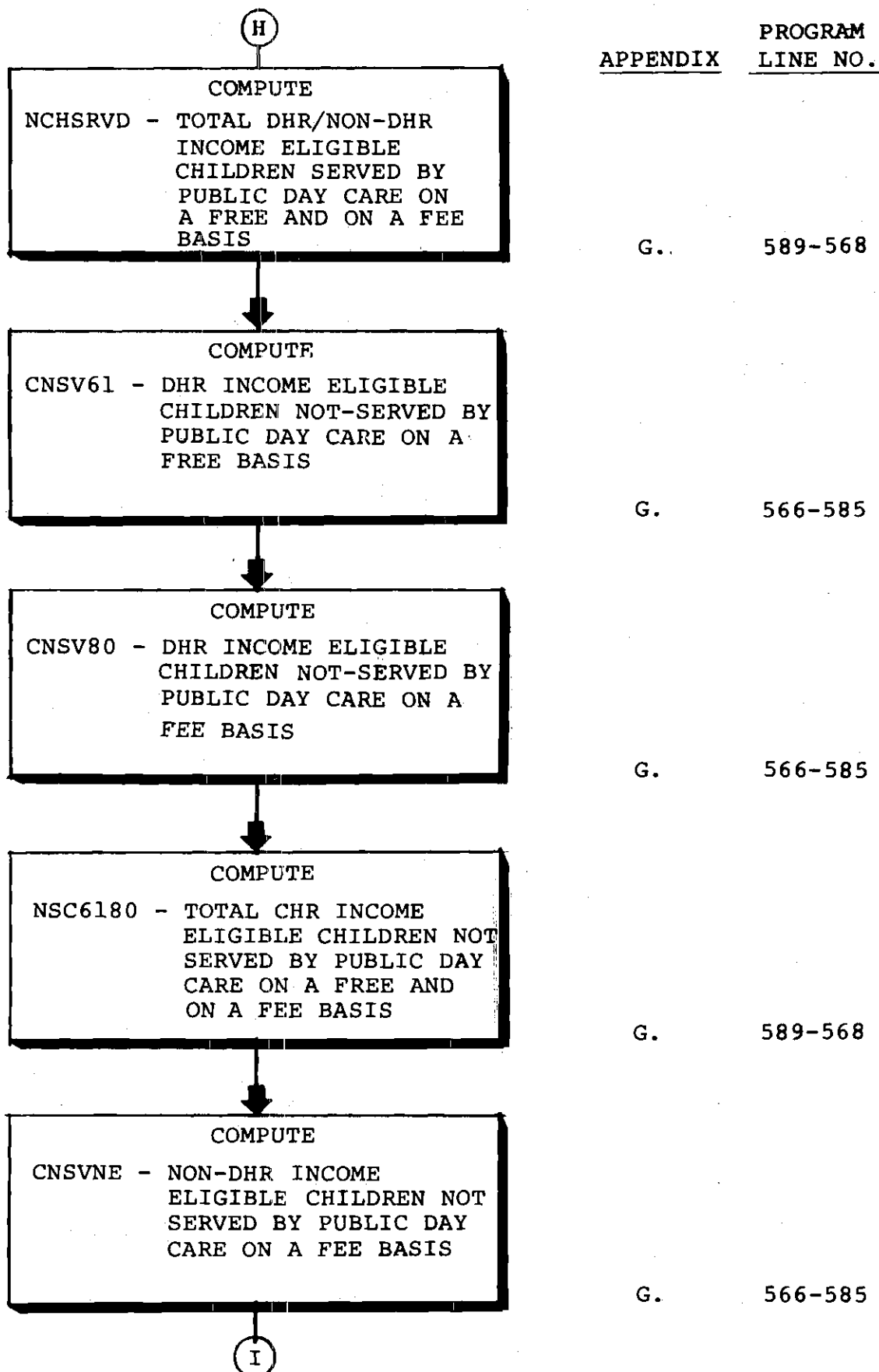


FIGURE 2-7A. LOGIC DIAGRAM-PHASE 5.

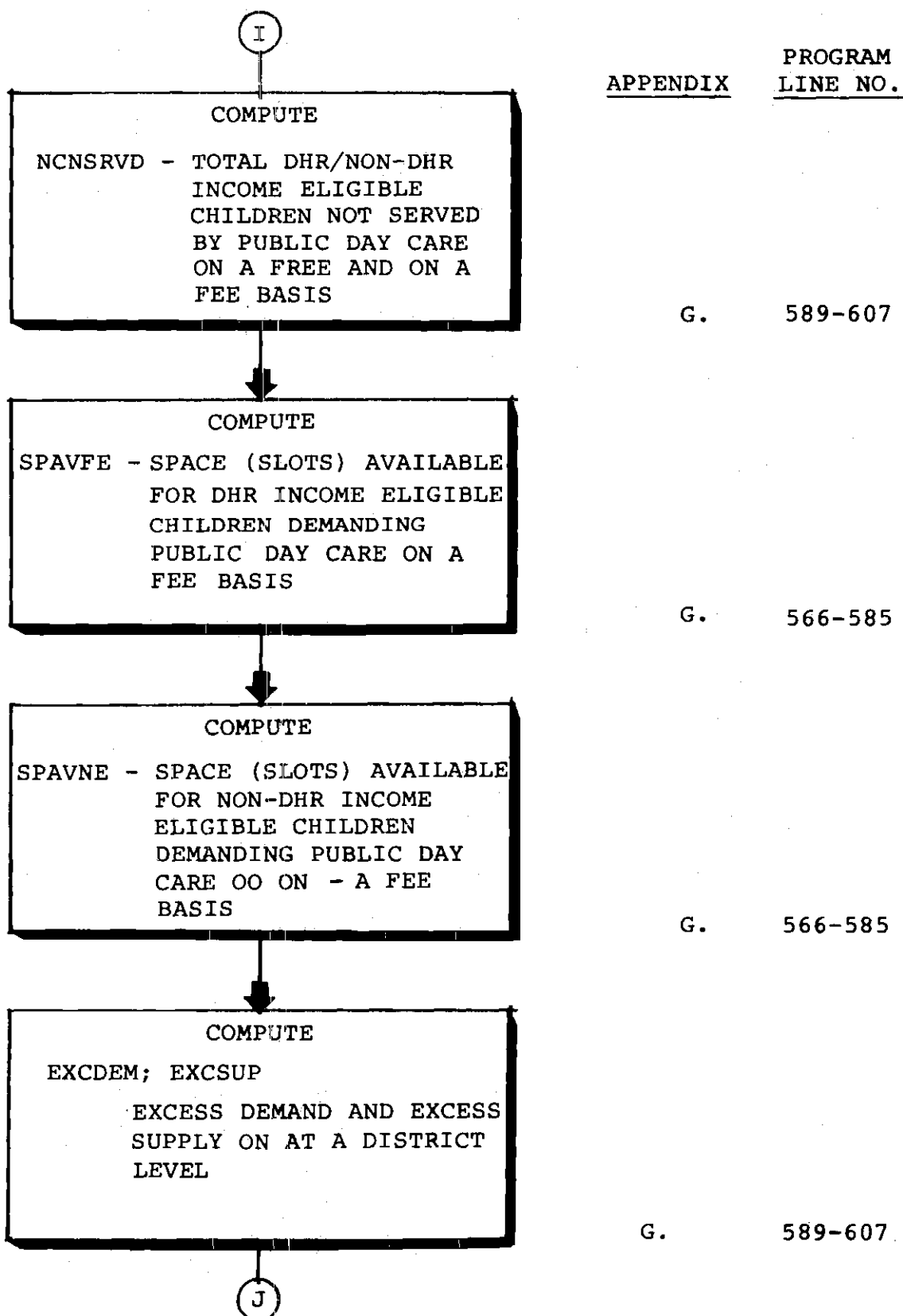


FIGURE 2-7B. LOGIC DIAGRAM -PHASE 5

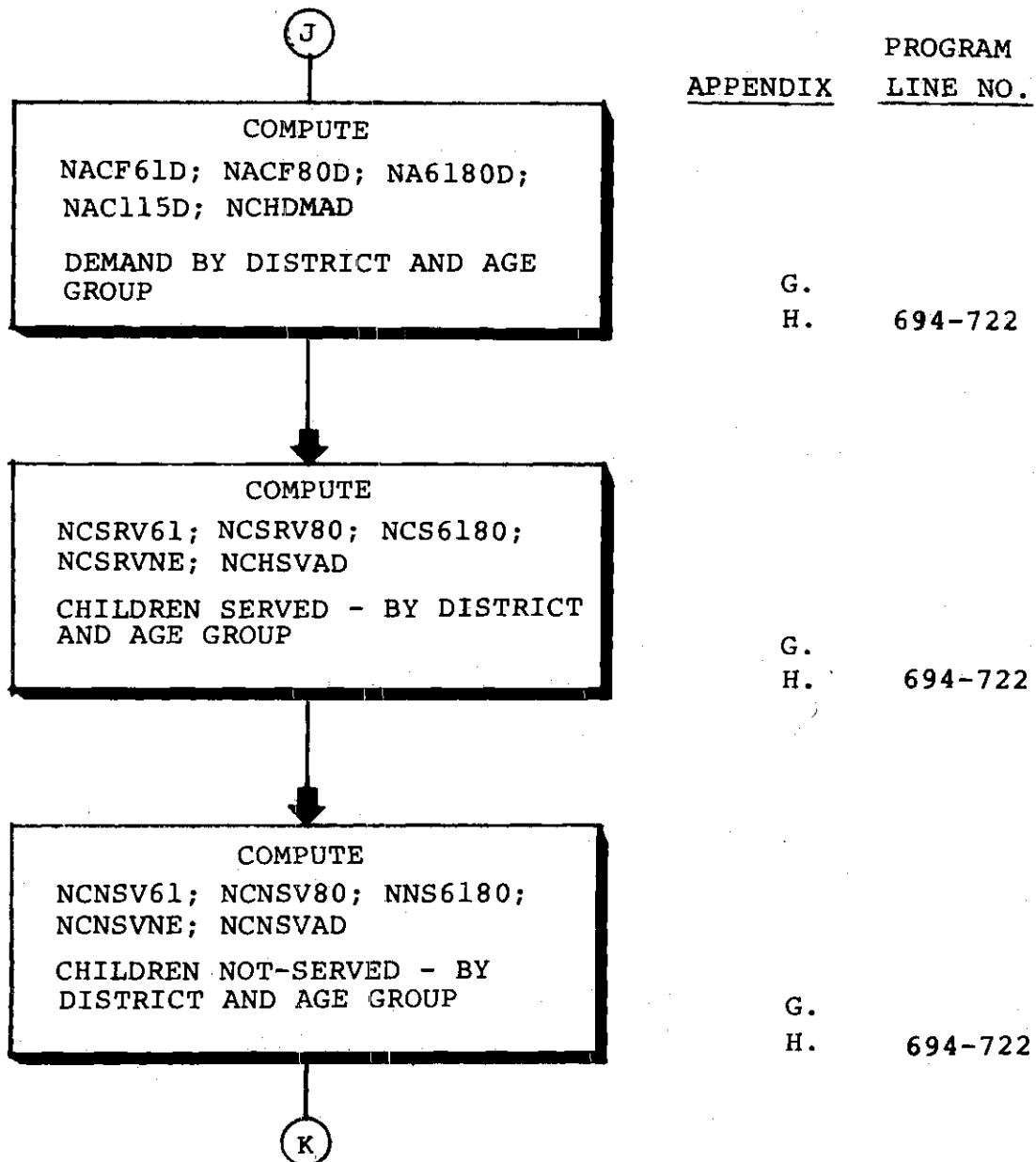


FIGURE 2-7c, LOGIC DIAGRAM-PHASE 5

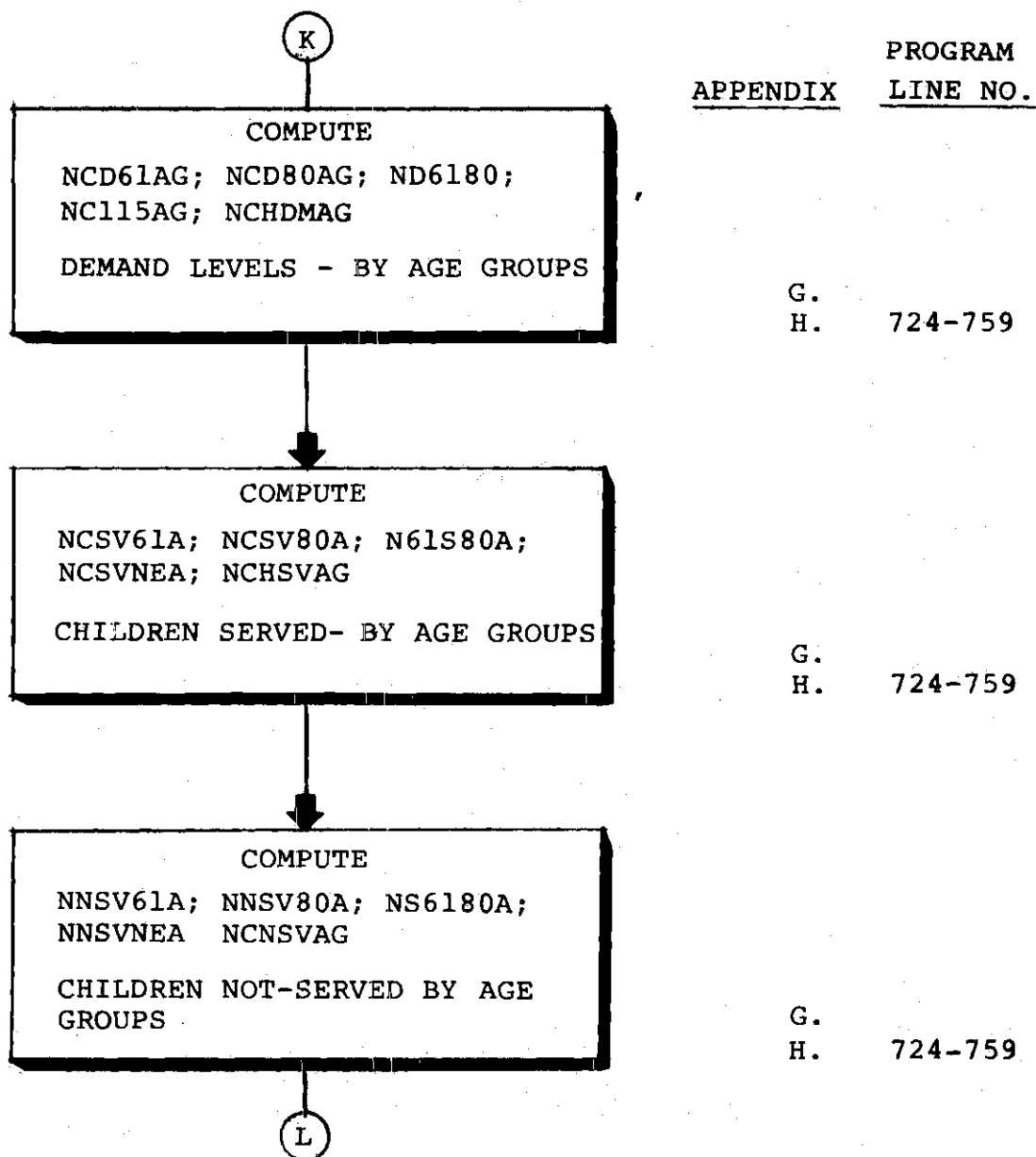


FIGURE 2-7D. LOGIC DIAGRAM-PHASE 5

(slots) from private businesses. The Contract Services Unit of DHR enters into annual written contracts with these private day care centers. Therefore, the Supply Schedule is based on an annual available contracted number of slots in each DHR District.

The model compares the demand for day care services for the three income eligibility categories with available slots (Appendix F). Excess demand or excess supply is also calculated by Districts and at the State level. The model first assigns the demand for free day care to available slots. In the base run, Districts 1, 2, 3, 4, 6, 8, and the State totals have total excess demand of 2102. The remaining Districts have excess supply. The available slots in Districts 5, 7, 9, and 10 are then offered to DHR income-eligible children demanding public day care on a fee basis. The base run shows that this eligibility category creates excess demand for all districts except Districts 5, 7, and 10 which show excess supply. The State shows an overall excess demand of 364. Supply and demand for these two income eligibility categories are summed to portray the present DHR policies.

A third income eligibility category is also computed to enable DHR to study the possibilities of offering public day care to children whose family income is between 80 and 115 percent of the adjusted State Median Income. These data are displayed in all the analyses as "Non-DHR Income Eligible: Fee Basis Public Day Care." As mentioned above, the

base run shows available slots in Districts 5, 7, and 10. After non-DHR income eligible demand is served, Districts 5, 7, and 10 have excess supply. Overall, the State has an excess demand of 2356 children. Even though the base run is based on assumed and estimated input data, the base run shows the model is able to accurately portray the different options available in each of the three income eligibility categories.

The Demand and Service Analysis is made on a District and Age Group basis and then totaled at the State level (Appendix G). The children demanding service, children served and children not served are tabulated in each of the following five categories:

1. DHR income eligible children: day care services on a free basis.
2. DHR income eligible children: day care services on a fee basis.
3. Subtotals for DHR income eligible children.
4. Non-DHR income eligible children (but income eligible on a mandatory fee basis in accordance with Title XX of the Federal regulations).
5. Totals of the three income eligible categories.

To compute the number of children in each age group, the Expected Public Child Day Care Usage Distribution - By Age (PCRDYCR - Appendix D-3) is multiplied by the District totals. The base run shows the number of children and their age groups that are served and not served by public day care.

By comparing the demand and children served by age group (Appendix G), the model is able to more accurately

allocate costs. This run shows that 19,621 children could be served statewide on a free basis. There are 295 children that are served on a fee basis. Nevertheless, 1467 DHR income-eligible children were not served on a fee basis due to non-availability of contract public day care spaces in Districts 1, 2, 3, 4, 6, and 8. These variances are caused by excess demand or supply that exists (in the base run) in the Districts. Appendix G portrays the results of the base run for "Non-DHR Income Eligible" and "Totals: DHR/Non-DHR Income Eligible" categories. On a State basis, the table shows DHR could serve an additional 566 non-DHR eligible children on a fee basis if it allowed such children to be served, but would still have 2893 children not served.

Phase 6 - Financial Analysis of Public Child Day Care Services. The model performs a detailed financial analysis for each DHR District (Appendices H and I). Day care costs are estimated by age group for the districts and totaled at the State level. Expected fees the State will receive are calculated. Government costs and family financial participation for public day care are computed. The logic diagram for Phase 6 appears in Figure 2-8.

The average public child day care cost per child is an input variable. This cost for each DHR District was estimated for the base run from the expenditures and usage data published in the Georgia Title XX Comprehensive Annual Services Plan [7, pp. 59-69]. These average costs were prorated

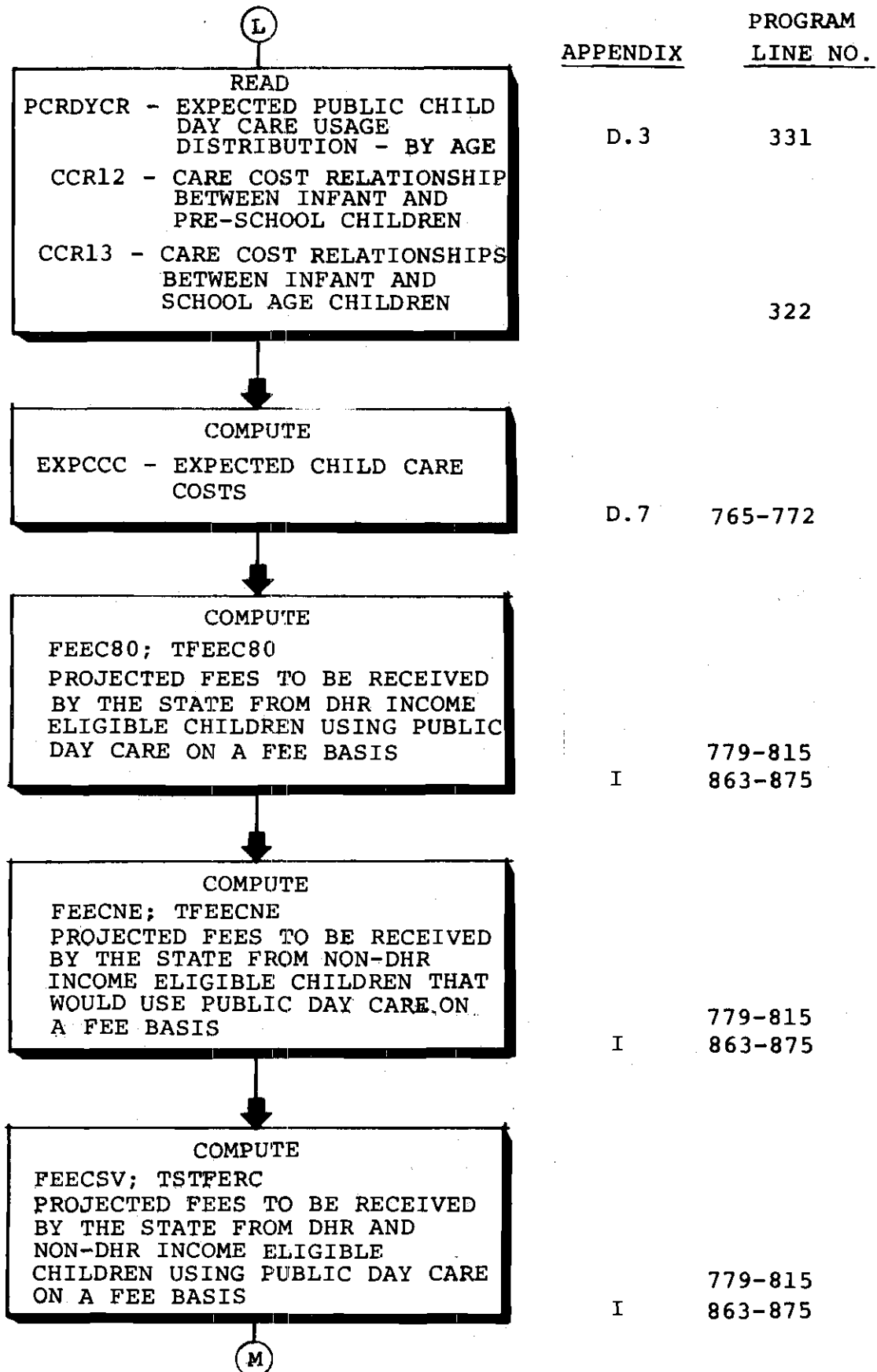


FIGURE 2-8. LOGIC DIAGRAM-PHASE 6

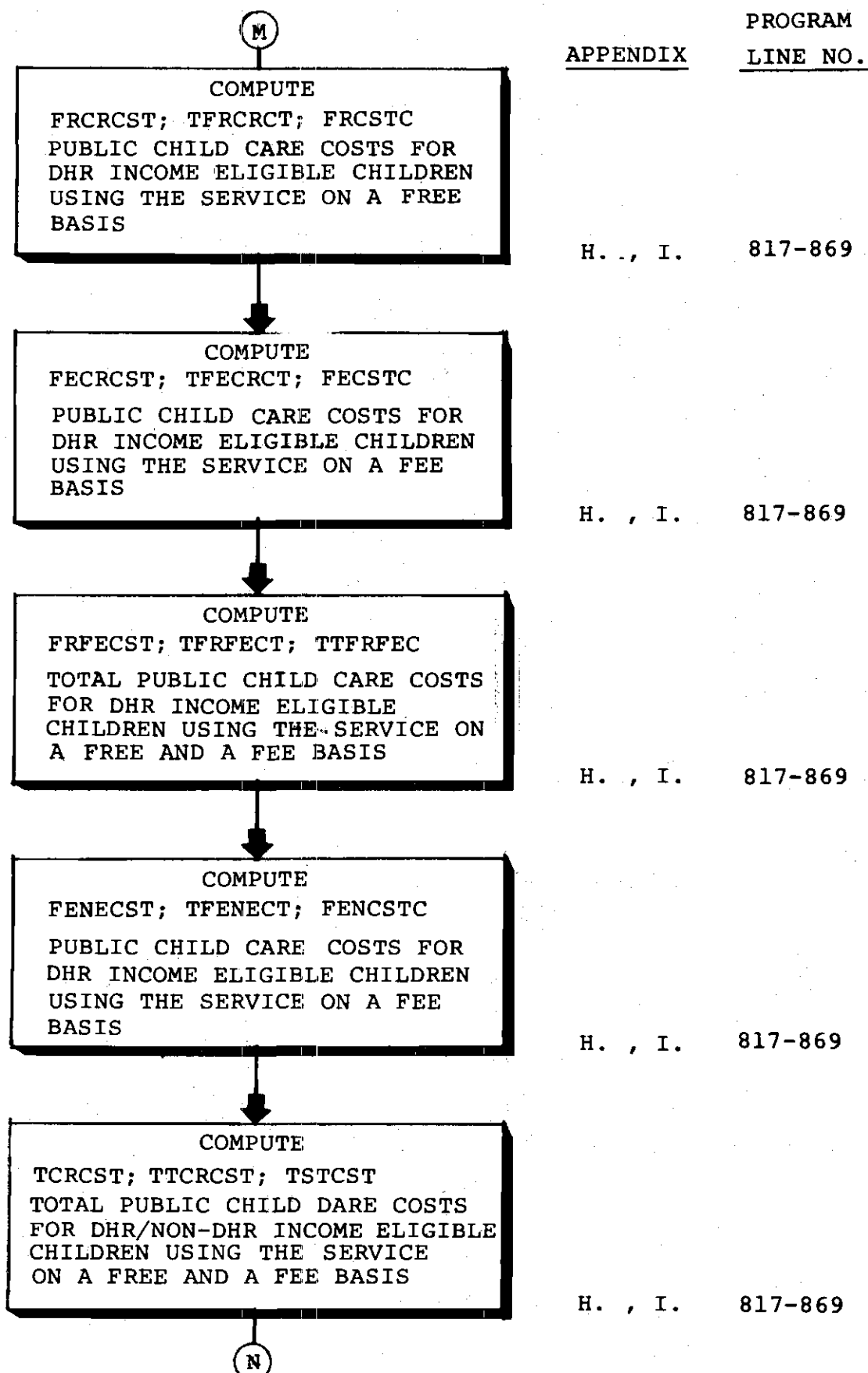


FIGURE 2-8A. LOGIC DIAGRAM-PHASE 6

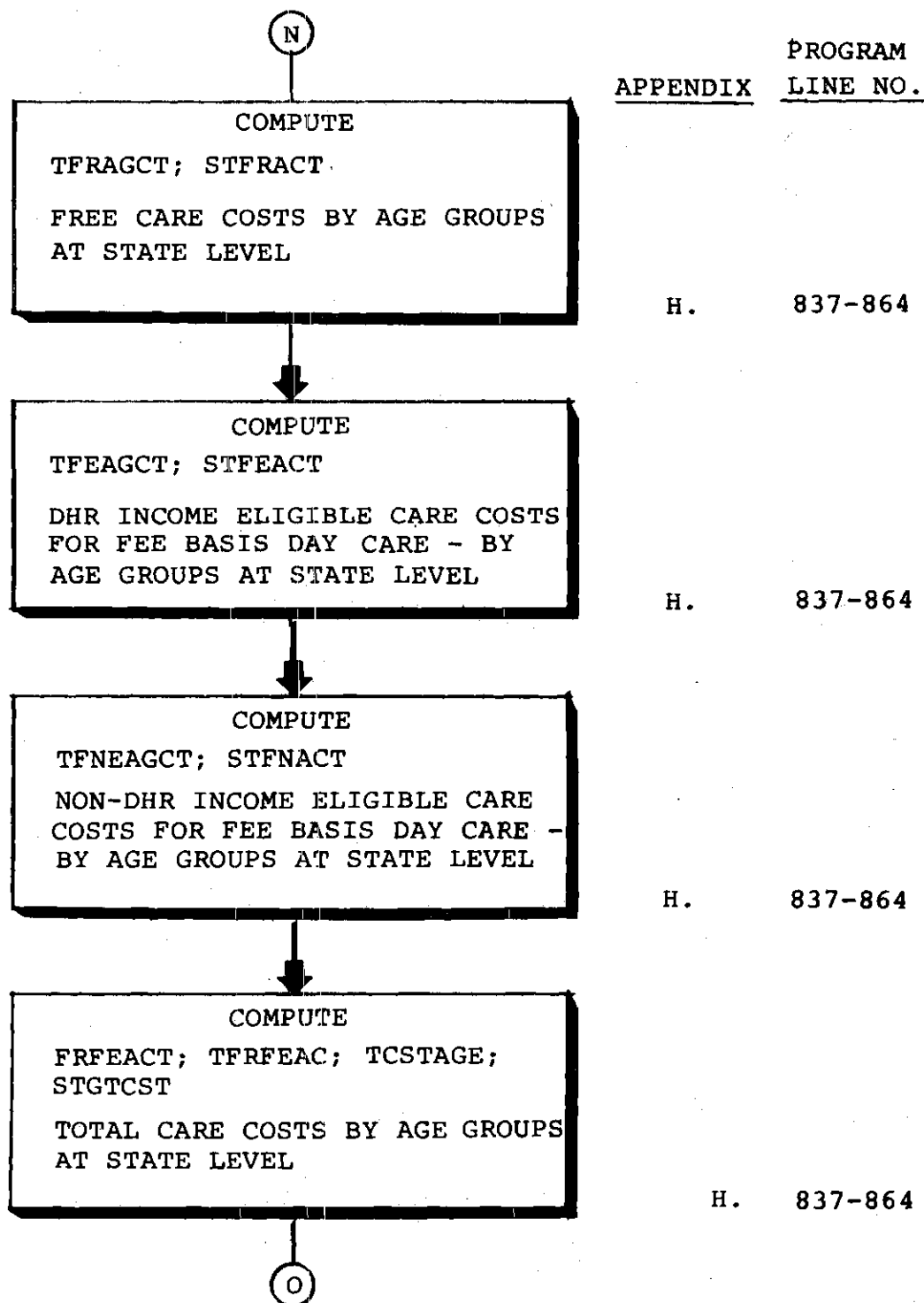


FIGURE 2-8B. LOGIC DIAGRAM-PHASE 6

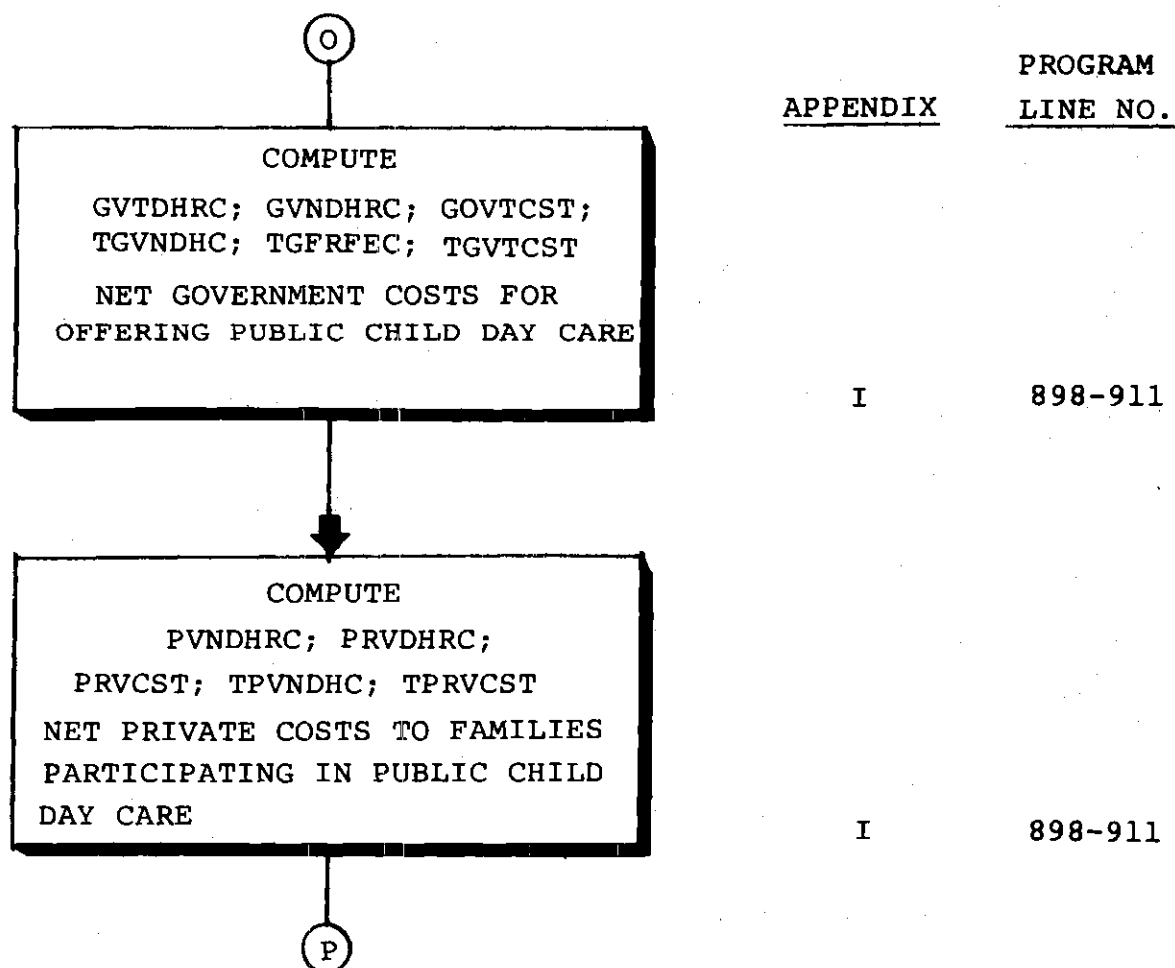


FIGURE 2-8c. LOGIC DIAGRAM-PHASE 6

among the age groups by using the Expected Public Child Day Care Usage Distribution - By Age (Appendix D-3). It is also assumed that care costs are related as follows:

$$\text{AVECOST} = \sum_{i=1}^3 [(\text{PCRDYCR}_i) (\text{EXPCC}_i)]$$

$$\text{EXPCCC}_2 = \frac{\text{EXPCCC}_1}{\text{CCR12}}$$

$$\text{EXPCCC}_3 = \frac{\text{EXPCCC}_1}{\text{CCR13}}$$

where i refers to age category

- $i = 1$ - infants (less than 3 years old)
- $i = 2$ - preschool (4 - 6 years old)
- $i = 3$ - school age (7 - 14 years old)

and

PCRDYCR_i is the Expected Public Child Day Care Usage Distribution - By Age

EXPCCC_i is the Expected Child Care Cost

CCR12 is the Care Cost Relationship between Infant and Pre-School Children ($\text{CCR12} = 1.5$ in the base run)

CCR13 is the Care Cost Relationship between Infant and School-Age Children ($\text{CCR13} = 2.0$ in the base run)

AVECOST is the Average Cost of public child day care for a particular district

The Financial Analysis for Public Day Care (Appendix H)

shows the expected care costs for each District and Age Group together with the number of children served. These computations are performed for each of the three income eligibility categories. The base run shows the cost to provide free day care ranges from \$429,698 in rural District 4 to \$11,038,657 in urban District 3 (Atlanta area). It also shows the costs for providing day care services on a fee basis for DHR and non-DHR eligible children.

The Summary of Financial Analysis is made at District and State levels (Appendix I). Projected fees to be received by each DHR District are calculated from the Sliding Fee Schedule and public day care usage, i.e., the number of children served on a fee basis. The Summary shows child care costs, projected fees, and the financial participation between public and private sources.

The base run shows how the sliding fee system helps to reduce government costs of day care. It particularly points out that if DHR desires to offer public day care for non-DHR eligible children, over 90 percent of costs would be covered by fees received.

Phase 7 - Simulation of the Public Child Day Care Model Through Time. The model adjusts two variables as time advances into the next period. The logic diagram for Phase 7 appears in Figure 2-9. In each DHR District, supply increases (decreases) by a fixed percentage of the excess demand (excess supply) in that district during the previous year.

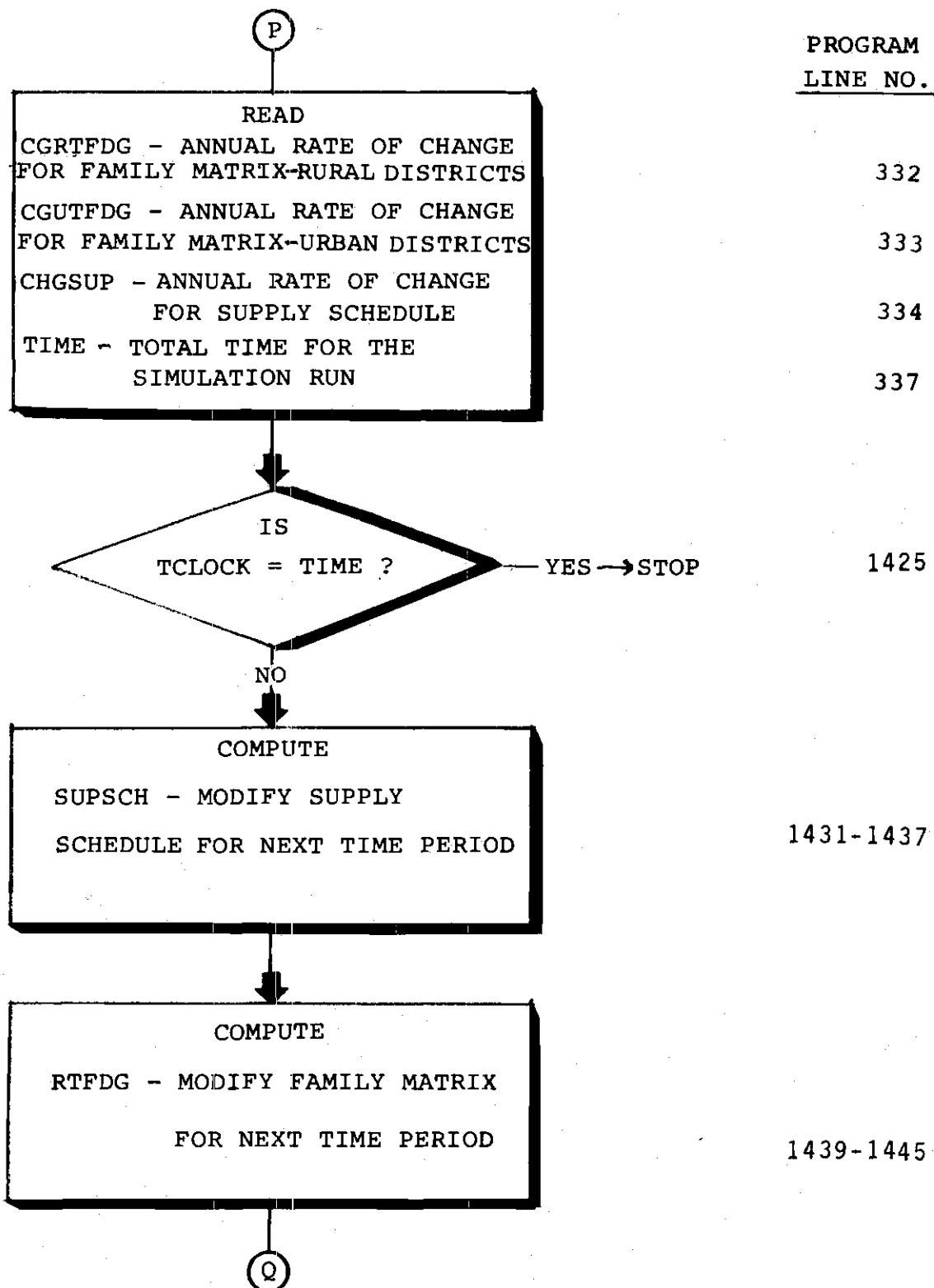


FIGURE 2-9. LOGIC DIAGRAM-PHASE 7

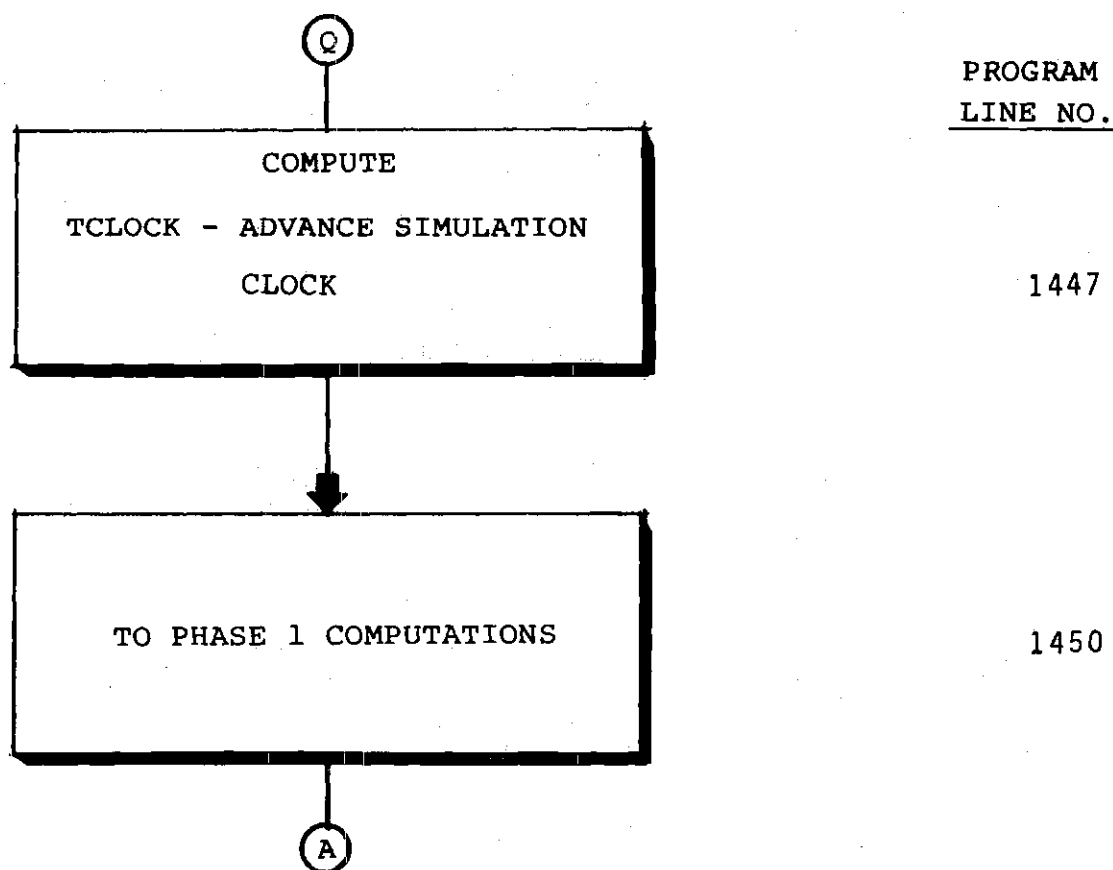


FIGURE 2-9A. LOGIC DIAGRAM-PHASE 7

The base run adjusts supply in accordance with the following factors:

Rate of Change in Supply Schedule

<u>DHR Districts</u>	<u>Rate</u>
1	.050
2	.050
3	.112
4	.090
5	.060
6	.040
7	.050
8	.080
9	.070
10	.040

For example, District 3 had a total excess demand of 4158 at the end of time period 1 (year one) (Appendix F). Phase 7 would increase the present supply of 8804 to 9269 slots, i.e., by 11.2 percent of excess demand for time period 2. On the other hand, District 10 had an excess supply of 224 slots. Phase 7 would decrease the District supply from 1081 to 1071 slots, i.e., by 6 percent of excess supply for the second year.

Changes in the family matrix (TFDG) are assumed to be different in urban versus rural districts. Rate of change in the family matrix is applied to each matrix cell which is categorized by district, by family income, and by family size. The base run assumes the rates of change for the different family sizes and types of district as shown in Figure 2-10.

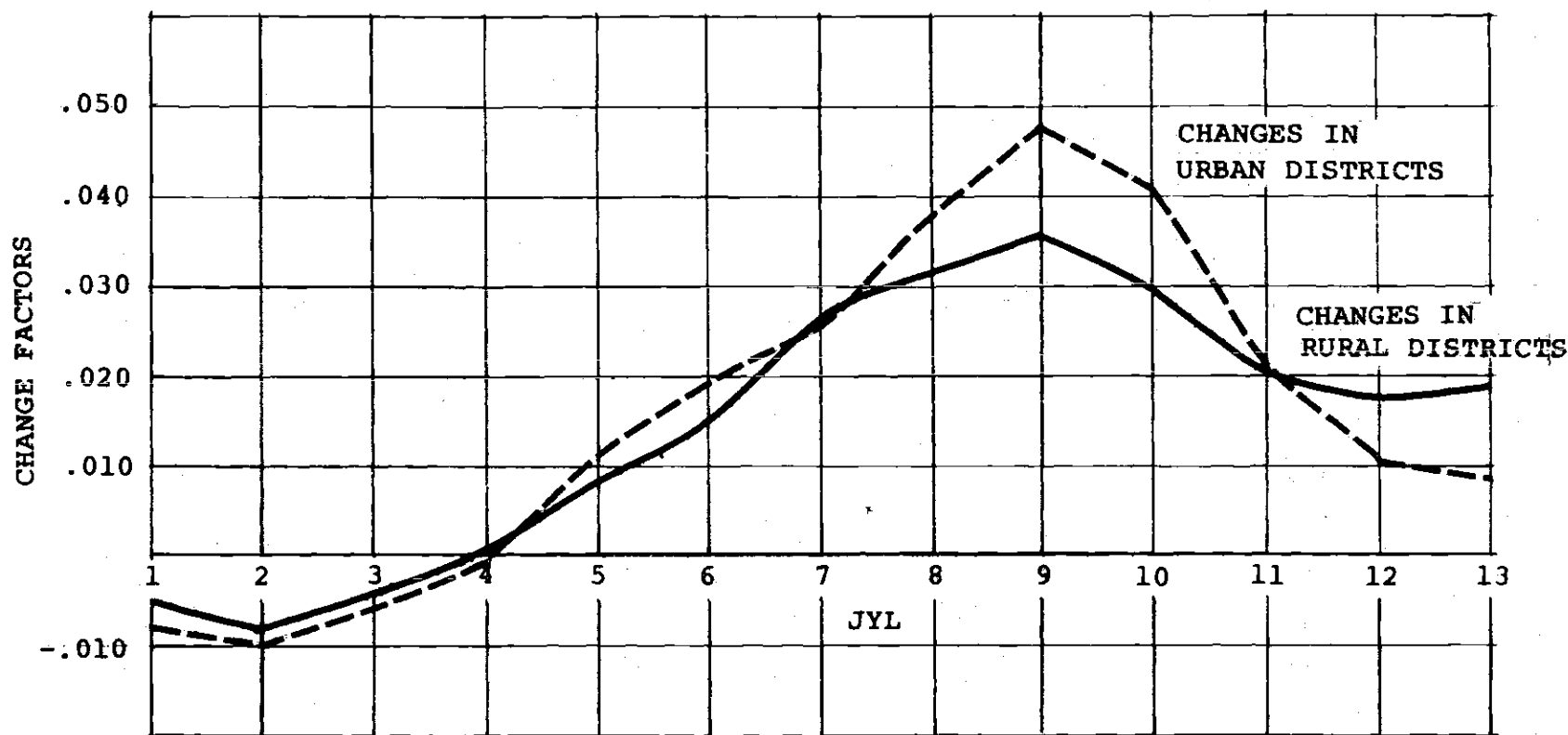


FIGURE 2-10. ANNUAL RATE OF CHANGE IN FAMILY MATRIX

The effect of the family matrix change factors is observed by comparing Appendices D-4, and J which show time periods 1 and 5, respectively.

After time period 1, the model re-computes the basic family matrix (TFDG) and the Families with Children under 14 Years (FWCUF) matrix. Computational Phase 2 and parts of Phases 3 and 4 are skipped, as the income parameters, demand schedule and income eligibility criteria are assumed to be valid for the entire run. The model performs revised demand, supply, service and financial analyses for all the remaining time periods.

2.3 Model Assumptions

The following are simplifying assumptions of the model, listed by phase:

2.3.1 Phase 1

1. Differences in family composition distributions are significant between urban and rural districts, but not among the various rural districts.
2. The national distribution of families with children under 14 years of age is assumed to be valid in Georgia.
3. For families with children under 14 years old, a family size of two members consists of one adult and one child. Family sizes of three to ten members consist of two adults and the remainder are children under 14.

2.3.2 Phase 2

1. The seven income parameters as discussed in section 2.2.2 are the most significant factors in determining net real family income.

2. The estimated and assumed data are consistent in terms of their relationships with family size and family income, and are "realistic" for model testing purposes.

3. The Sliding Fee Schedule is a function of the annual average public child day care cost per child for each DHR district.

4. The maximum fee to be levied is the annual average public child day care cost per child for each DHR district.

2.3.3 Phase 3

1. Demand for public day care is a function of expected fees for day care as related to the real net family income. Demand varies inversely with the independent variable (i.e., the ratio of Expected Public Child Day Care Fees per Family to Real Net Family Income).

2. The demand function is assumed to consist of two negatively-sloped, intersecting straight lines.

2.3.4 Phase 4

1. The use of rounded-down income levels to determine family eligibility does not cause significant errors with respect to the exact income cut-off points of 61, 80 and 115 percent of the adjusted State median income.

2. The demand function primarily applies to rural

districts in the State. An Urban Density Demand Correction factor is assumed to be valid to adjust the demand schedule for urban demand characteristics.

2.3.5 Phase 5

1. The public day care service priorities are realistic criteria to assign the available spaces, as discussed in section 2.1.

2. The national sample of Expected Public Day Care Usage Distribution - By Age (Appendix D-3) is valid throughout the State. This usage distribution is valid to allocate, by age, children demanding service, children served and children not served by public child day care.

3. The model assumes only full-day usage of day care services. Part-time day care users are not identified by the model.

2.3.6 Phase 6

1. The estimated average cost per child for each DHR district is assumed to be the basis for computing cost by age group.

2. Public child day care cost allocation by age group usage is valid to determine actual care costs for each DHR district.

3. The care cost relationships between infant and pre-school children (CCR12) and between infant and school-age children (CCR13) depict a realistic cost relationship. Care cost is assumed greater for infants than for pre-school

children and greater for pre-school than for school-age children. The age group categories are:

- (a) Infants - children up to 3 years old
- (b) Pre-School - children between 4 and 6 years old
- (c) School-Age - children between 7 and 14 years old

4. The estimated fees to be charged by each DHR district accurately represent the actual fees paid to the State by participating families.

2.3.7 Phase 7

1. The model assumes two factors to change over time and thereby to affect the demand for public day care services: supply schedule and families in each income level.

2. Incremental changes in available day care spaces are a function of excess demand or excess supply in each DHR district. Supply changes annually (increase/decrease) by a fixed percent of excess demand or supply.

3. Changes in the family matrix (i.e., income levels) are assumed to be different in urban versus rural districts, but not significantly different among the rural districts.

4. The net percentage change in the number of families within the cells of the family distribution matrix is the same for all family sizes at a given income level. The percentages vary, however, across income levels.

2.4 Model Flexibility and Advantages

The model was developed to facilitate changes in parameters. The demographic data that can be changed are:

1. Total families (by income levels and districts) at the start of the run (TFYD)
2. Family composition in rural and urban districts (FCYMDR, FCYMDU)
3. Distribution of families with children under 14 years (PFCUP)
3. "Child family factor" or number of children assumed for a given family size (CFF)

The demand schedule can be modified by changing the three input points defining the linear system:

1. DSUP - upper point
2. DSMP - middle point or point of intersection
3. DSLP - lower point

The urban density demand correction factor (UDDDCF) can be changed in order to adjust the demand relationship in urban areas.

The supply schedule (SUPSCH) is also an input which defines the initial number of contracted spaces for public day care usage.

The economic parameters can be changed to reflect updated figures as changes in taxes and economic aid to families occur. These parameters are as follows:

1. Tax liability (TAXLIA)
2. FICA withholding (FICA)
3. Expected public child day care fees (EXPCCC)
4. Medicare benefits (MDCARE)
5. Public housing benefits (PUBHSG)
6. Aid to families with dependent children benefits (AFDC)
7. Food stamp benefits (FDSTMM)

The public day care benefits and costs can also be easily modified to show changes in Federal and State policies and regulations as well as updated data. The variables affected

are:

1. Family eligibility cut-off points (PCMDIN)
2. Factors for adjusting family income to family size (ADJINC)
3. Median income (MEDINC)
4. Average cost of public day care per child per DHR District (AVECOST)
5. Expected public child day care usage distribution: by age (PCRYMDR)

The simulation phase of the model also offers flexibility as the user can alter the following:

1. Length of simulation run (TIME)
2. Factors by which supply changes from period to period (CHGSUP)
3. Factors by which the family distribution matrices change in urban and rural districts (CGUTFDG, CGRTFDG)

The model calculates non-DHR income eligible children on the following basis if day care services were offered in this income category:

1. Children who would demand service
2. Children who would use day care
3. Children who would not be served due to lack of contracted space

The financial analysis shows the government costs and fees that would be received. With the flexibility of changing cut-off points, modifying the fee schedule and child care costs, DHR can use this model as a management planning tool to evaluate changes in their present interim public child day care service.

CHAPTER III

SENSITIVITY ANALYSIS

Sensitivity analyses were performed with respect to five major factors in the model. In each of five computer runs, one factor was changed while all other factors retained the values assigned in the base run. The sensitivity runs test the behavior of the model with respect to the following five factors:

1. the coordinates of the demand schedule (DSUP, DSMP, DSLP)
2. the fees-to-cost ratios (FECSTR); that is, the sliding fee schedule
3. the average public child day care cost per child per District (AVECOST)
4. the annual rate of change in the family matrix (CGRTFDG and CGUTFDG)
5. the annual rate of change in the supply schedule (CHGSUP).

Each cell value of these variables was increased by 25 percent.

3.1 Demand Schedule

In this sensitivity run, the coordinates of the demand function were increased by 25 percent as follows:

	<u>Base Run</u>	<u>Sensitivity Run</u>
DSUP	(.000, .092)	(.000, .115)
DSMP	(.049, .060)	(.061, .075)
DSLP	(.300, .000)	(.375, .000)

Both the original and the new demand functions are graphically portrayed in Figure 3-1. The graph shows that the demand function of the sensitivity run significantly increases the percent of families demanding service with larger fees-to-real net income ratios. Hence, a greater number of families would be expected to demand public day care service, especially in the fee-basis categories.

Appendices K-1 to K-7 show the results of the sensitivity run for year 1. The effect of the 25 percent increase in the demand function coordinates is summarized in Table 3-1. This table shows that demand for free-basis public day care increased in a narrow range of 25 to 29 percent. On the other hand, DHR income eligible demand for service on a fee basis increased in a range of 40 to 110 percent. Also, children not income eligible in Georgia, but demanding fee-basis day care increased in a range of 38 to 138 percent. On a statewide basis, increases in total demand for all three income eligibility categories were between 29 and 41 percent. The run results show the model is sensitive to changes in the demand function for children whose family income is greater than 61 percent of the adjusted State median income (Appendices K-2, K-3, K-4). The children in this income range comprise about 18-24 percent of the total demand for public child day care in the State.

Due to the increased demand for DHR income eligible children, the available supply in districts one through nine

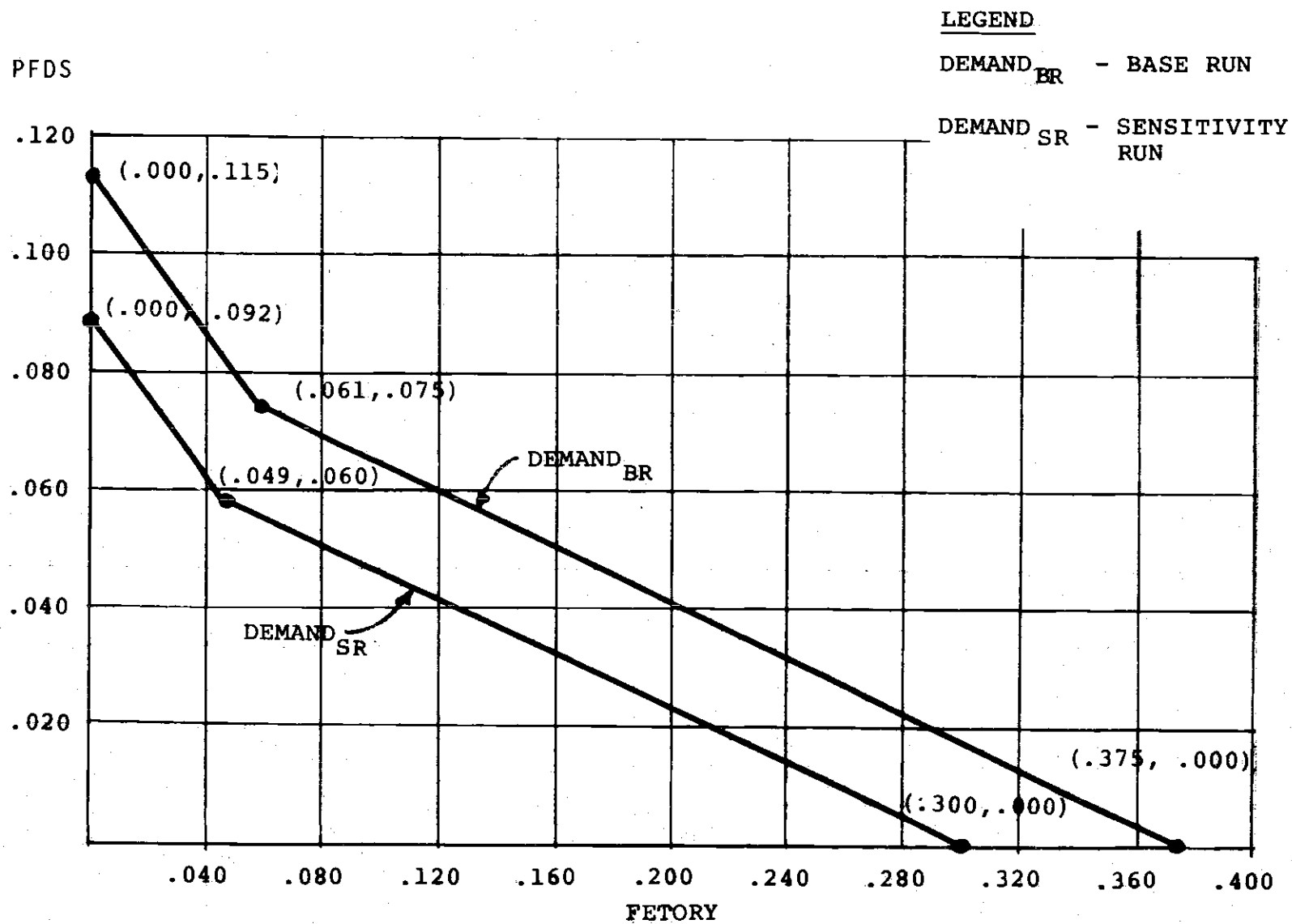


FIGURE 3-1. DEMAND SCHEDULE COMPARISON

TABLE 3-1 . SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: DEMAND FUNCTION

TIME PERIOD 1

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE					DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,205	1,506	+301	+25		135	200	+65	+48
2	1,393	1,762	+369	+26		107	168	+61	+57
3	11,100	13,972	+2,872	+26		642	1,346	+704	+110
4	1,152	1,451	+299	+26		164	231	+67	+41
5	1,614	2,044	+430	+27		134	210	+76	+57
6	1,075	1,365	+290	+27		106	152	+46	+43
7	1,141	1,443	+302	+27		106	153	+47	+43
8	1,752	2,207	+455	+26		179	251	+72	+40
9	1,984	2,510	+526	+27		144	232	+88	+61
10	705	909	+204	+29		45	82	+37	+82
STATE TOTALS	23,121	29,169	+6,048	+26		1,762	3,025	+1,263	+72

TABLE 3-1A. SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: DEMAND FUNCTION

TIME PERIOD 1

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,340	1,706	+366	+27		245	380	+135	+55
2	1,500	1,930	+430	+29		166	283	+117	+17
3	11,742	15,318	+3,576	+31		1,220	2,908	+1,688	+138
4	1,316	1,682	+366	+28		416	568	+152	+37
5	1,748	2,254	+506	+29		274	443	+169	+62
6	1,181	1,517	+336	+28		211	309	+98	+46
7	1,247	1,596	+349	+28		219	319	+100	+47
8	1,931	2,458	+527	+27		362	499	+137	+38
9	2,128	2,742	+614	+29		273	451	+178	+65
10	750	991	+241	+32		73	137	+64	+88
STATE TOTALS	24,883	32,194	+7,311	+29		3,459	6,297	+2,838	+82

TABLE 3-1B. SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: DEMAND FUNCTION

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

TIME PERIOD 1

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,585	2,086	+501	+32
2	1,666	2,213	+547	+33
3	12,962	18,226	+5,264	+41
4	1,732	2,250	+518	+30
5	2,022	2,697	+675	+33
6	1,392	1,826	+434	+31
7	1,466	1,915	+449	+31
8	2,203	2,957	+664	+29
9	2,401	3,193	+792	+33
10	823	1,128	+305	+37
STATE TOTALS	28,342	38,491	+10,149	+36

are fully utilized (Appendices K-4, K-5). District 10 has available 90 spaces for children that demand day care service on a fee basis but are not income-eligible in Georgia (Appendix K-4).

3.2 Sliding Fee Schedule

The fees-to-cost ratios (FECSTR - Appendix L-1) were increased by a factor of 25 percent. The increase is reflected in the Sliding Fee Schedule (FEESCH - Appendix L-2). The fee to be charged for each income and family size category is closer to the maximum allowable fees, i.e., approximates the average public day care cost for that DHR District. Families eligible for public day care expect to pay higher fees (Appendix L-3) for these services. The expected higher fees should cause four factors to change:

1. Real Net Income decreases (Appendix L-4) because expected fees are subtracted from gross income.
2. Expected Fees-to-Real-Net-Income ratios increase (Appendix L-5).
3. Percents of Families Demanding Service decrease (Appendix L-6).
4. Number of eligible children demanding and using public day care on a fee basis decrease (Appendix L-7).

Table 3-2 summarizes the results on demand when the fee schedule is increased by 25 percent. No change in demand occurs for income eligible children demanding public day care on a free basis. The DHR income eligible children demanding public day care on a fee basis decreases in a range of 7 to

TABLE 3-2 . SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: FEESCH

TIME PERIOD 1

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE				DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,205	1,205	0	0	135	103	-32	-24
2	1,393	1,393	0	0	107	72	-35	-33
3	11,100	11,100	0	0	642	362	-280	-44
4	1,152	1,152	0	0	164	153	-11	-7
5	1,614	1,614	0	0	134	98	-36	-27
6	1,075	1,075	0	0	106	89	-17	-16
7	1,141	1,141	0	0	106	85	-21	-20
8	1,752	1,752	0	0	179	163	-16	-9
9	1,984	1,984	0	0	144	98	-46	-32
10	705	705	0	0	45	29	-16	-36
STATE TOTALS	23,121	23,121	0	0	1,762	1,248	-514	-29

TABLE 3-2A. SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: FEESCH

TIME PERIOD 1

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,340	1,308	-32	-2		245	205	-40	-16
2	1,500	1,465	-35	-2		166	121	-45	-27
3	11,742	11,465	-280	-2		1,220	1,023	-197	-16
4	1,316	1,305	-11	-1		416	388	-28	-7
5	1,748	1,708	-40	-2		274	217	-57	-21
6	1,181	1,164	-17	-1		211	183	-28	-13
7	1,247	1,226	-21	-2		219	184	-35	-16
8	1,931	1,915	-16	-1		362	341	-21	-6
9	2 128	2,082	-46	-2		273	208	-65	-24
10	750	734	-16	-2		73	54	-19	-26
STATE TOTALS	24,883	24,369	-514	-2		3,459	2,924	-535	-15

TABLE 3-2B. SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: FEESCH

TIME PERIOD 1

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,585	1,513	-72	-5
2	1,666	1,586	-80	-5
3	12,962	12,485	-477	-4
4	1,732	1,693	-39	-2
5	2,022	1,925	-97	-5
6	1,392	1,347	-45	-3
7	1,466	1,410	-56	-4
8	2,293	2,256	-37	-2
9	2,401	2,290	-111	-5
10	823	788	-35	-4
STATE TOTALS	28,342	27,293	-1,049	-4

to 44 percent over the ten districts. The net decrease in demand for all DHR income eligible children is about one or two percent. In the Non-DHR income eligible category, demand decreases between 7 and 27 percent. Overall public day care demand decreases from two to five percent. Hence, the sensitivity run indicates that demand varies inversely with day care fees for fee-basis categories.

The Summary of Financial Analysis shows that the decrease in demand also decreased fees received for both fee-basis day care categories (Appendix L-10). The number of children actually served on a fee basis is also adversely affected by the increase in fees as follows:

<u>Children Served on a Fee Basis</u>				
<u>DHR</u>	<u>DHR Income Eligible</u>		<u>Non-DHR Eligible</u>	
<u>Districts</u>	<u>Base Run</u>	<u>Sensitivity Run</u>	<u>Base Run</u>	<u>Sensitivity Run</u>
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	134	94	274	217
6	0	0	0	0
7	106	85	219	184
8	0	0	0	0
9	10	10	0	0
10	45	29	73	54
State Totals	285	218	566	455

3.3 Day Care Costs

Day care costs for each DHR District were increased by 25 percent as follows:

Average Public Child Day Care Costs

<u>DHR District</u>	<u>Base Run</u>	<u>Sensitivity Run</u>
1	\$ 783	\$ 979
2	924	1155
3	1254	1568
4	448	560
5	843	1054
6	663	829
7	701	876
8	457	571
9	876	1095
10	994	1243

This change should cause shifts in model behavior similar to those caused by increasing the sliding fee schedule.

The sensitivity run results are shown in Appendix M. Table 3-3 summarizes the effect of increased costs on demand. Demand for free-basis day care is not affected by changes in public day care costs. On the other hand, the sliding fee schedule reflects the costs for public day care in each DHR District (Appendix M-1). Higher fees affect the following factors:

1. Expected Day Care Fees increase (Appendix M-3).
2. Real Net Family Incomes decrease (Appendix M-4).
3. Expected Fees-to-Real-Net-Income ratios increase (Appendix M-5).
4. Percent of families demanding day care on a fee basis decreases (Appendix M-6).
5. Number of children demanding and using day care on a fee basis decreases (Appendix M-7).

Changes in demand are summarized in Table 3-3. Cost

TABLE 3-3 . SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: AVE COST

TIME PERIOD 1

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE				DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,205	1,205	0	0	135	102	-33	-24
2	1,393	1,393	0	0	107	70	-37	-35
3	11,100	11,100	0	0	642	332	-310	-48
4	1,152	1,152	0	0	164	152	-12	-7
5	1,614	1,614	0	0	134	92	-42	-31
6	1,075	1,075	0	0	106	88	-18	-17
7	1,141	1,141	0	0	106	84	-22	-21
8	1,752	1,752	0	0	179	162	-17	-10
9	1,984	1,984	0	0	144	96	-48	-33
10	705	705	0	0	45	28	-17	-38
STATE TOTALS	23,121	23,121	0	0	1,762	1,206	-556	-32

TABLE 3-3A. SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: AVE COST
TIME PERIOD 1

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE	BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE
1	1,340	1,307	-37	-3	245	170	-75	-31
2	1 500	1,463	-37	-2	166	90	-76	-46
3	11,742	11,432	-310	-3	1,220	615	-605	-50
4	1,316	1,304	-12	-1	416	365	-51	-12
5	1,748	1,706	-42	-2	274	168	-106	-39
6	1,181	1,163	-18	-2	211	161	-50	-24
7	1,247	1,225	-22	-2	219	162	-57	-26
8	1,931	1,914	-17	-1	362	323	-39	-11
9	2,128	2,080	-48	-2	273	157	-116	-42
10	750	733	-17	-2	73	35	-38	-52
STATE TOTALS	24,883	24,327	-556	-2	3,459	2,246	-1,213	-35

TABLE 3-3B. SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: AVEECOST

TIME PERIOD 1

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,585	1,477	-108	-7
2	1,666	1,553	-113	-7
3	12,962	12,047	-915	-7
4	1,732	1,669	-63	-4
5	2,022	1,874	-148	-7
6	1,392	1,324	-68	-5
7	1,466	1,387	-79	-5
8	2,293	2,237	-56	-2
9	2,401	2,237	-164	-7
10	823	768	-55	-7
STATE TOTALS	28,342	26,573	-1,769	-6

increases do not affect demand for free public day care. Demand for DHR income eligible children for fee-basis day care decreases in a range of 7 to 48 percent. The Non-DHR Income Eligible category shows a decrease in demand in a range of 11 to 52 percent.

The Summary of Financial Analysis reflects the increased day care costs for all public day care categories (Appendix M-10). It also shows a decrease in fees received as a result of a drop in children served on a fee basis.

3.4 Annual Rate of Change in Family Matrix

The annual rate of change in family matrix was also increased by 25 percent for both urban and rural districts (Appendix N). These ratios are as follows:

Income Categories (JYL Index)	Districts	
	Urban	Rural
1. Base Run		
1	-.006	-.009
2	-.009	-.010
3	-.004	-.006
4	-.002	-.003
5	.008	.011
6	.014	.019
7	.026	.025
8	.032	.039
9	.036	.048
10	.030	.041
11	.027	.021
12	.018	.011
13	.019	.009
2. Sensitivity Run		
1	-.008	-.011
2	-.011	-.013
3	-.005	-.008
4	-.003	-.004

Income Categories (continued)	Districts	
	Urban	Rural
5	.010	.014
6	.018	.024
7	.033	.031
8	.040	.049
9	.045	.060
10	.038	.051
11	.034	.026
12	.023	.014
13	.029	.011

Table 3-4 (Time Period 2) and Table 3-5 (Time Period 5) show that demand is not highly sensitive to the rate of change in the family matrix. In Time Period 2, many districts experienced a relatively insignificant increase in demand for public day care as compared with the base run. Time period 5 reflects about 2 percent increase in demand over the base run demand for the same year. Hence, normal trends in the socio-economic characteristics of the population should not significantly impact the model.

3.5 Annual Rate of Change in Supply Schedule Sensitivity Analyses Run Results (Time Periods 2 and 5)

The annual rate of change in the supply schedule is increased by a factor of 25 percent for the sensitivity analysis. The rates of change used for both runs are:

<u>DHR</u> <u>Districts</u>	<u>Base Run</u>	<u>Sensitivity Run</u>
1	.050	.063
2	.050	.063
3	.112	.140
4	.090	.113
5	.060	.075
6	.040	.050

TABLE 3-4 . SENSITIVITY ANALYSIS

TEST VARIABLE:CGRTFDG,CGUTFDG CHILDREN DEMANDING PUBLIC DAY CARE

TIME PERIOD 2

DHR INCOME ELIGIBLE FREE BASIS DAY CARE					DHR INCOME ELIGIBLE FEE BASIS DAY CARE				
DHR DISTRICTS	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,227	1,229	+2	*		138	138	0	0
2	1,413	1,428	+15	+1		112	112	0	0
3	11,377	11,423	+46	*		673	676	+3	*
4	1,179	1,181	+2	*		168	171	+3	+2
5	1,651	1,656	+5	*		139	139	0	0
6	1,093	1,093	0	0		108	108	0	0
7	1,161	1,172	+11	+1		111	111	0	0
8	1,778	1,785	+7	*		187	189	+2	+1
9	2,017	2,020	+3	*		149	153	+4	+3
10	720	722	+2	*		50	51	+1	+2
STATE TOTALS	23,616	23,709	+93	*		1,835	1,848	+13	+1

*Less than 1%

TABLE 3-4A. SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: CGRTFDG, CGUTFDG

TIME PERIOD 2

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE
1	1,365	1,367	+2	*		253	253	0	0
2	1,525	1,540	+15	+1		172	172	0	0
3	12,050	12,099	+49	*		1,242	1,248	+6	*
4	1,347	1,352	+5	*		421	422	+1	*
5	1,790	1,795	+5	*		283	283	0	0
6	1,201	1,201	0	0		215	215	0	0
7	1,272	1,283	+11	+1		224	224	0	0
8	1,965	1,974	+9	*		372	377	+5	+1
9	2,166	2,173	+7	*		280	285	+5	+2
10	770	773	+3	*		77	77	0	0
STATE TOTALS	25,451	25,557	+106	*		3,539	3,556	+17	*

*Less than 1%

TABLE 3-4B. SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: CGRTFDG, CGUTFDG

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

TIME PERIOD 2

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,618	1,620	+2	*
2	1,697	1,712	+15	+1
3	13,292	13,347	+55	*
4	1,768	1,774	+6	*
5	2,073	2,078	+5	*
6	1,416	1,416	0	0
7	1,496	1,507	+11	+1
8	2,337	2,351	+14	+1
9	2,446	2,458	+12	*
10	847	850	+3	*
STATE TOTALS	28,990	29,113	+123	*

*Less than 1%

TABLE 3-5 , SENSITIVITY ANALYSIS

TEST VARIABLE: CGRTFDG, CGUTFDG CHILDREN DEMANDING PUBLIC DAY CARE
TIME PERIOD 5

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE					DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,301	1,328	+27	+2		150	157	+7	+5
2	1,499	1,535	+36	+3		122	125	+3	+3
3	12,207	12,499	+292	+2		756	793	+37	+5
4	1,233	1,255	+22	+2		190	199	+9	+5
5	1,715	1,752	+37	+2		152	155	+3	+2
6	1,149	1,173	+24	+2		118	122	+4	+4
7	1,227	1,243	+16	+1		122	124	+2	+2
8	1,866	1,892	+26	+1		203	215	+12	+6
9	2,112	2,157	+45	+2		163	170	+7	+9
10	748	778	+30	+4		56	56	0	0
STATE TOTALS	25,057	25,612	+555	+2		2,032	2,116	+84	+4

TABLE 3-5A. SENSITIVITY ANALYSIS

CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: CGRTFDG, CGUTFDG

TIME PERIOD 5

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE
1	1,451	1,485	+34	+2		271	277	+6	+3
2	1,621	1,660	+39	+2		187	191	+4	+2
3	12,963	13,292	+329	+2		1,309	1,322	+13	+1
4	1,423	1,454	+31	+2		451	463	+12	+3
5	1,867	1,907	+40	+2		307	313	+6	+2
6	1,267	1,295	+28	+2		232	236	+4	+2
7	1,349	1,367	+18	+1		234	240	+16	+7
8	2,069	2,107	+38	+2		398	409	+11	+3
9	2,275	2,327	+52	+2		302	307	+5	+1
10	804	834	+30	+4		83	89	+6	+7
STATE TOTALS	27,089	27,728	+639	+2		3,774	3,847	+73	+2

TABLE 3-5B . SENSITIVITY ANALYSIS
CHILDREN DEMANDING PUBLIC DAY CARE

TEST VARIABLE: CGRTFDG,CGUTFDG

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

TIME PERIOD 5

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,722	1,762	+40	+2
2	1,808	1,851	+43	+2
3	14,272	14,614	+342	+2
4	1,874	1,917	+43	+2
5	2,174	2,220	+46	+2
6	1,499	1,531	+32	+2
7	1,583	1,607	+24	+2
8	2,467	2,516	+49	+2
9	2,577	2,634	+57	+2
10	887	923	+36	+4
STATE TOTALS	30,863	31,575	+712	+2

<u>DHR Districts</u>	<u>Base Run</u>	<u>Sensitivity Run</u>
7	.050	.063
8	.080	.100
9	.070	.088
10	.040	.050

The sensitivity analysis run results are shown in Appendices O-1 to O-4. Tables 3-6 (Year 2) and 3-7 (Year 5) compare the number of children served in the base run and sensitivity analysis run. The comparison shows on a district-by-district basis where the available day care spaces are allocated by the model. Since the number of day care slots to be allocated in the following time period is a function of excess demand and excess supply, the model increases or decreases available supply accordingly for each district. Table 3-8 summarizes the children served on a State basis by day care service category and time period. The overall demand for free-basis day care precludes a significant use of additional spaces for children on a fee basis. Figure 3-2 shows how excess demand is significantly decreased by the faster rate of growth in the supply schedule. Since the additional spaces are filled by free-basis care children, the fees received by the State are insignificant to the increased care costs (Appendix O-4).

TABLE 3-6 . SENSITIVITY ANALYSIS

CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

TIME PERIOD 2

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE				DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	940	949	+9	+1	0	0	0	0
2	1,119	1,127	+8	+1	0	0	0	0
3	9,269	9,386	+117	+1	0	0	0	0
4	1,029	1,047	+18	+2	0	0	0	0
5	1,651	1,651	0	0	139	139	0	0
6	1,062	1,066	+4	*	0	0	0	0
7	1,161	1,161	0	0	111	111	0	0
8	1,440	1,458	+18	+1	0	0	0	0
9	2,017	2,017	0	0	5	12	+7	+140
10	720	720	0	0	50	50	0	0
STATE TOTALS	20,408	20,582	+174	+1	305	312	+7	+2

*Less than 1%

TABLE 3-6A. SENSITIVITY ANALYSIS
CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP
TIME PERIOD 2

TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS DAY CARE					NON-DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
DHR DISTRICTS	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	940	949	+9	+1	0	0	0	0
2	1,119	1,127	+8	+1	0	0	0	0
3	9,269	9,386	+117	+1	0	0	0	0
4	1,029	1,047	+18	+2	0	0	0	0
5	1,790	1,790	0	0	283	283	0	0
6	1,062	1,066	+4	*	0	0	0	0
7	1,272	1,272	0	0	224	224	0	0
8	1,440	1,458	+18	+1	0	0	0	0
9	2,022	2,029	+7	*	0	0	0	0
10	770	770	0	0	77	77	0	0
STATE TOTALS	20,713	20,894	+181	+1	584	584	0	0

*Less than 1%

TABLE 3-6B. SENSITIVITY ANALYSIS
CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

TIME PERIOD 2

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	940	949	+9	+1
2	1,119	1,127	+8	+1
3	9,269	9,386	+117	+1
4	1,029	1,047	+18	+2
5	2,073	2,073	0	0
6	1,062	1,066	+4	*
7	1,496	1,496	0	0
8	1,440	1,458	+18	+1
9	2,022	2,029	+7	*
10	847	847	0	0
STATE TOTALS	21,297	21,478	+181	+1

*Less than 1%

TABLE 3-7 . SENSITIVITY ANALYSIS

CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

TIME PERIOD 5

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS DAY CARE					DHR INCOME ELIGIBLE FEE BASIS DAY CARE			
	BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV- ITY RUN	VARIANCE	% CHANGE
1	1,040	1,072	+32	+3		0	0	0	0
2	1,205	1,233	+27	+2		0	0	0	0
3	10,572	10,927	+355	+3		0	0	0	0
4	1,216	1,233	+17	+1		0	39	+39	*
5	1,715	1,715	0	0		152	152	0	0
6	1,105	1,118	+13	+1		0	0	0	0
7	1,227	1,227	0	0		122	122	0	0
8	1,646	1,706	+60	+4		0	0	0	0
9	2,112	2,112	0	0		0	27	+27	0
10	748	748	0	0		56	56	0	0
STATE TOTALS	22,586	23,091	+505	+2		330	396	+66	+20

*Less than 1%

TABLE 3-7A. SENSITIVITY ANALYSIS
CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

TIME PERIOD 5

TOTALS: DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE		BASE RUN	SENSITIV-ITY RUN	VARIANCE	% CHANGE
1	1,040	1,072	+32	+3		0	0	0	0
2	1,205	1,233	+27	+2		0	0	0	0
3	10,572	10,927	+355	+3		0	0	0	0
4	1,216	1,272	+56	+4		0	0	0	0
5	1,867	1,867	0	0		307	307	0	0
6	1,105	1,118	+13	+1		0	0	0	0
7	1,349	1,349	0	0		205	203	-2	*
8	1,646	1,706	+60	+4		0	0	0	0
9	2,112	2,139	+27	+1		0	0	0	0
10	804	804	0	0		83	83	0	0
STATE TOTALS	22,916	23,487	+571	+3		595	592	-2	*

*Less than 1%

TABLE 3-7B. SENSITIVITY ANALYSIS
CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

TIME PERIOD 5

TOTALS: DHR/NON-DHR INCOME ELIGIBLE
FREE/FEE BASIS DAY CARE

DHR DISTRICTS	BASE RUN	SENSITI- VITY RUN	VARIANCE	% CHANGE
1	1,040	1,072	+32	+3
2	1,205	1,233	+28	+2
3	10,572	10,927	+355	+4
4	1,216	1,272	+56	+5
5	2,714	2,714	0	0
6	1,105	1,118	+13	+1
7	1,554	1,552	-2	*
8	1,646	1,706	+60	+4
9	2,112	2,139	+27	+1
10	887	887	0	0
STATE TOTALS	23,511	24,080	+569	+2

*Less than 1%

TABLE 3-8. SENSITIVITY ANALYSIS
CHILDREN SERVED BY PUBLIC DAY CARE

TEST VARIABLE: CHGSUP

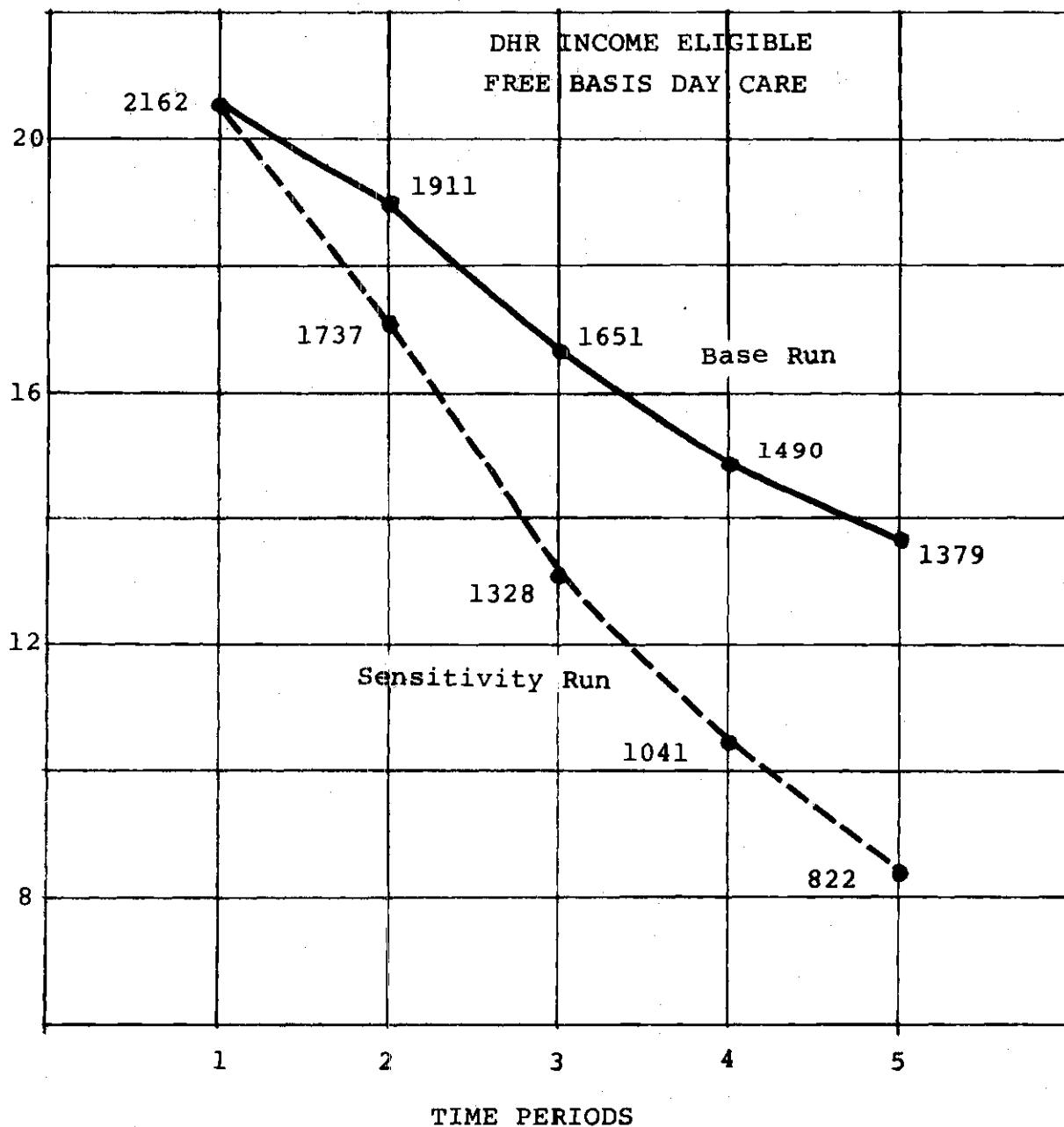
DHR INCOME ELIGIBLE
FREE BASIS DAY CARE

DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

NON-DHR INCOME ELIGIBLE
FEE BASIS DAY CARE

TIME	BASE RUN	SENSITIV- ITY RUN	VARIANCE	BASE RUN	SENSITI- VITY RUN	VARIANCE	BASE RUN	SENSITI- VITY RUN	VARIANCE
1	19,621	19,621	0	295	295	0	566	566	0
2	20,408	20,582	+174	305	312	+7	584	584	0
3	21,140	21,460	+320	315	329	+14	598	598	0
4	21,858	22,299	+441	329	350	+21	611	611	0
5	22,586	23,091	+505	330	396	+66	595	595	0

CHILDREN
- 00 -



TEST VARIABLE: CHGSUP
(25% increase in CHGSUP)

FIGURE 3-2. EXCESS DEMAND

CHAPTER IV

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

4.1 Summary

A simulation model has been developed to assist the Georgia Department of Human Resources in the economic evaluation of alternative fee schedules and administrative policies for Title XX child day care services. The inputs to the model can be changed easily in terms of fee scale parameters, economic and demographic assumptions, and administrative regulations. The model's computational mechanism provides the user:

1. Demand, supply and usage analyses
2. Financial analysis of costs incurred and fees received for public child day care
3. Economic impact on real net family income for participating families; that is, the notch effects are identified.

All analyses are performed on a district-by-district basis with State totals.

The model takes into account the dynamic nature of the problem. At the end of each time period (year), the model updates the family distribution matrix and the supply schedule. The supply schedule is adjusted upward (or downward) as a fixed percent of excess demand (or excess supply) in each DHR District.

The model is divided into seven computational phases.

Flexibility is provided with respect to the length of model runs and the suppression of various portions of output.

The focus of this Thesis has been the development of the computational mechanism required to perform evaluations of sliding fee schedules. Some of the data that are needed to operate the model are yet to be developed by DHR. With respect to these types of data, the model has been tested using assumed, but realistic values. Sensitivity tests show that the model behaves as expected with alterations in key parameters.

4.2 Conclusions

The model's behavior was tested for sensitivity to five major factors. The sensitivity run results yield the following insights:

1. Increasing the coordinates of the demand function by 25 percent significantly increased the percent of families demanding service. Although demand for public day care increased between 25 to 29 percent, demand for fee-basis care increased in a range from 40 to 110 percent. Hence, the demand function is highly sensitive for families whose income is greater than 61 percent of the adjusted State median income.
2. A 25-percent increase in fees resulted in a decrease in demand for fee-basis day care. The drop in demand was in a range of 7 to 44 percent for families whose income was between 61 and 80 percent of the adjusted

State median income. The number of children served on a fee basis also decreased significantly.

3. The annual average cost per child for public day care was increased by 25 percent in each of the ten districts. As expected, no change in demand for free day care occurred. Since the sliding fee schedule reflects cost in each district, the increased fees resulted in a significant decrease in demand and usage of public day care on a fee basis in a range of 7 to 48 percent.

4. A 25-percent increase in the annual rate of change in the cell values of the family matrix caused a relatively insignificant increase in demand for public day care as compared with the base run.

5. The annual rate of change in the supply schedule was increased by 25 percent. An increase in available public day care spaces was absorbed primarily by the demand for free-basis day care. Hence, public day care usage on a free-basis precludes a significant use of additional spaces on a fee basis.

4.3 Recommendations

The accuracy and behavior of the model can be refined to better serve the user. The model can be improved in the following ways:

1. Provide updated and accurate input data in terms of:

- a. demographic composition and distribution
 - b. income parameters
 - c. cost data to reflect actual public child day care costs
 - d. data expressed in dollars should be adjusted to a current or a constant dollar basis to reflect consistent relationships
 - e. demand and supply functions
 - f. annual rate of change in supply and families could be adjusted by different methods as suggested in the test.
2. Incorporate into the model less than full-day usage of public day care.
3. Perform demand, supply, usage and financial analyses at a more detailed level, such as county, city or other smaller geographical (political) areas.
4. Modify the sliding fee schedule to reflect smaller fee and income level increments.
5. Modify the family matrix to reflect the increased number of income levels as suggested in #4.
6. Use the exact cut-off points of 61, 80, and 115 percent of the adjusted State median income rather than rounded values to determine income eligibility for public child day care services.
7. Adapt the methodology developed in this model to other governmental jurisdictions, i.e., other states, regions, or the nation as a whole. Modifications in the model would be required to reflect different policies, regulations, administrative mechanisms, other major influencing factors and the nature of the environment.

APPENDIX A

MODEL DOCUMENTATION

APPENDIX A-1

ALPHABETICAL LISTING OF VARIABLES
CROSS-REFERENCED BY MODEL PHASES

<u>Variable</u>	<u>Phase</u>	<u>Variable</u>	<u>Phase</u>
ADJINC	4	FEECNE	6
AFDC	2	FEECSV	6
AVECOST	2	FEEC80	6
AVEINC	2	FEESCH	2
CCR12	6	FENECD	6
CCR13	6	FENECDF	6
CFF	1	FENECDY	6
CF61D	4	FENECST	6
CF61DY	4	FENESTC	6
CF61YF	4	FETORY	3
CF80D	4	FE80YF	4
CF80DY	4	FICA	2
CF80YF	4	FRCRCST	6
CGRTFDG	7	FRCSTC	6
CGITFDG	7	FRFEACT	6
CHGSUP	7	FRFECST	6
CNSVNE	5	FR61YF	4
CNSV61	5	FWCUF	1
CNSV80	5	F115YF	4
CSRVNE	5	GOVTCST	6
CSRV61	5	GVNDHRC	6
CSRV80	5	GVTDHRC	6
CSV6180	5	I	0
C115D	4	IDD	0
C115DY	4	ISWITCH	0
C115YF	4	J	0
DEMAND	5	JYJ	0
DSLP	3	JYL	0
DSMP	3	KFK	0
DSUP	3	KFM	0
EXCDEM	5	LAG	0
EXCSUP	5	MDCARE	2
EXDEMND	5	MEDINC	4
EXPCCC	5	MXFECD	2
EXPFEF	2	MYP	0
EXSPACE	5	NACF61D	5
EXSUPPLY	5	NACF80D	5
FAMELG	4	NAC115D	5
FCUFDS	3	NA6180D	5
FCYMDR	1	NCD61AG	5
FCYMDU	1	NCD80AG	5
FDSTMM	2	NCHDMAC	5
FDSTMP	2	NCHDMAG	5
FECHDM	6	NCHGSUP	7
FECHDY	6	NCHLD	5
FECHDYF	6	NCHSRVD	5
FECRCST	6	NCHSVAD	5
FECSTC	6	NCHSVAG	5
FECSTR	2	NCNSRVD	5

<u>Variable</u>	<u>Phase</u>	<u>Variable</u>	<u>Phase</u>
NCNSVAD	5	SPAVFE	5
NCNSVAG	5	SPAVNE	5
NCNSVNE	5	STCF61D	5
NCNSV61	5	STCF80D	5
NCNSV80	5	STC115D	5
NCSRVNE	5	STEXDNE	5
NCSRV61	5	STEXD61	5
NCSRV80	5	STEXD80	5
NCSVNE	5	STEXSNE	5
NCSVNEA	5	STEXS61	5
NCSV61	5	STEXS80	5
NCSV61A	5	STFEACT	6
NCSV80	5	STFNACT	6
NCSV80A	5	STFRACT	6
NCS6180	5	STGTCST	6
NC115AG	5	STSPVFE	5
NC6180D	5	STS FVNE	5
ND6180	5	SUPPLY	5
NECDS	5	SUPSCH	5
NNSVNEA	5	SXD6180	5
NNSV61A	5	SXS6180	5
NNSV80A	5	TAXLIA	2
NNS6180	5	TCLOCK	7
NSC6180	5	TCRCST	6
NSDNEVR	5	TCSTAGE	6
NSD61VR	5	TFDG	2
NSD80VR	5	TFEAGCT	6
NSVSTGT	5	TFECCRCT	6
NSVSTNE	5	TFEECNE	6
NSVST61	5	TFEEC80	6
NSVST80	5	TFEESCH	6
NS6180A	5	TFENECT	6
NTSTSRV	5	TFNEACT	6
N61C80D	5	TFRAGCT	6
N61NS80	5	TFRCCRCT	6
N61SV80	5	TFRFEAC	6
N61S80A	5	TFRFECT	6
PCMDIN	4	TFYD	1
PCRDYCR	5	TGFRFEC	6
PFCUF	4	TGVNDHC	6
PFDS	3	TGVTCST	6
PRVCST	6	TIME	7
PRVDHRC	6	TPRVCST	6
PUBHSG	2	TPVNDHC	6
PVNDHRC	6	TSTCST	6
RAVINC	4	TSTFERC	6
RNY	2	TTCRCST	6
RTFDG	1	TTFRFEC	6
SD6180V	5	UUDDCF	4
SLP	3	XINTR2	3
		YINTR2	3
		YINTR1	3

APPENDIX A-2

DEFINITIONS OF MODEL VARIABLES LISTED BY MODEL PHASES

Control Variables

<u>Index</u>	<u>Representation</u>	<u>Dimension</u>
IDD	Districts	10
JYJ	Family Income Levels	13
JYL	Family Income Levels	13
KFK	Family Size (# Members)	10
KFM	Family Size (# Members)	10
LAG	Age Group (Infant, Pre-School, School Age, Total)	4
MYP	Income Eligibility Category	6
ISWITCH	Input - Controls the printing of variables at user's discretion	

Phase 1

<u>Variable</u>	<u>Definition</u>
CFF (KFM)	Children Distribution within Family Size (children)
FCYMDR (JYL, KFM)	Family Composition (Members) Distribution for Rural Districts (fraction)
FCYMDU (JYL, KFM)	Family Composition (Members) Distribution for Urban Districts (fraction)
FWCUF (IDD, JYL, KFM)	Families with Children under 14 Years
PFCUF (KFM)	Distribution of Families with Children under 14 Years (fraction)
RTFDG (IDD, JYL, KFM)	Families in Georgia (real)
TFDG (IDD, JYL, KFM)	Families in Georgia (integer)
TFYD (IDD, JYL)	Total Families in the State: by District and Family Income Level

Phase 2

<u>Variable</u>	<u>Definition</u>
AFDC (JYL, KFM)	Aid to Families with Dependent Children - Benefits (\$/family/year)
AVEINC (JYL)	Average Family Income per Income Level (\$/year)
AVECOST (IDD)	Public Child Day Care Cost per Child per District (\$/year)
CCR12	Care Cost relationship between Infant and Pre-School Age Child
CCR13	Care Cost relationship between Infant and School-Age Child
EXPCCC (IDD, LAG)	Expected Public Child Care Costs (\$/year/child) by District and Age Group
EXPFEF (IDD, JYL, KFM)	Expected Public Child Care Fees for a Family (\$/year/family)
FDSTMM (KFM, JYL)	Federal Food Stamp Benefits (\$/family/year)
FDSTMPL (JYL, KFM)	Federal Food Stamp Benefits (\$/family/year)
FECSTR (JYL, KFM)	Fees as a Proportion of Care Costs (fraction)
FEESCH (IDD, JYL, KFM)	Sliding Public Day Care Fee Schedule (\$/child/year)
FICA (JYL, KFM)	Fica Withholding (\$/family/year)
MDCARE (JYL, KFM)	Medicare Benefits (\$/family/year)
MXFECD (IDD)	Maximum Public Child Care Fee - Average Care Cost per Child for Each District (\$/child/year)
PUBHSG (JYL, KFM)	Public Housing Benefits (\$/family/year)
RNY (IDD, JYL, KFM)	Real Net Income for a Family (\$/year)

TAXLIA(JYL,KFM) Federal Income Tax Liability (\$/
family/year)

Phase 3

<u>Variable</u>	<u>Definition</u>
DSLP(N)	Demand Schedule - lower points (fraction)
DSMP(N)	Demand Schedule - middle points (fraction)
DSUP(N)	Demand Schedule - upper points (fraction)
FCUFDS(IDD,JYL,KFM)	Families with Children under 14 Years Demanding Public Child Care Services
FETORY(IDD,JYL,KFM)	Fee-to-Real Net Income Ratio (fraction)
PFDS(IDD,JYL,KFM)	Percent of Families Demanding Service
SLP(1)	Slope of Straight Line #1
SLP(2)	Slope of Straight Line #2
YINTR1	Y-Intercept Straight Line #1 (fraction)
YINTR2	Y-Intercept Straight Line #2 (fraction)
XINTR2	X-Intercept Straight Line #2 (fraction)

Phase 4

<u>Variable</u>	<u>Definition</u>
ADJINC(KFM)	Adjusting State Median Income Factor for Family Size
	DHR Eligible Children Demanding Free Public Day Care
CF61D(IDD)	By District
CF61DY(IDD,JYL)	By District, by Family Income
CF61YF(IDD,JYL,KFM)	By District, by Family Income and Size

	DHR Eligible Children Demanding Public Day Care on a Fee Basis
CF80D(IDD)	By District
CF80DY(IDD,JYL)	By District, by Family Income
CF80YF(IDD,JYL,KFM)	By District, by Family Income and Size
	Non-DHR Eligible Children Demanding Public Day Care on a Fee Basis
Cl15D(IDD)	By District
Cl15DY(IDD,JYL)	By District, by Family Income
Cl15YF(idd,JYL,KFM)	By District, by Family Income and Size
FAMELG(KFM,MYD)	Family DHR-Income Eligibility Reference Table (\$/family/year)
FR61YF(IDD,JYL,KFM)	DHR Income Eligible Families Demanding Free Public Day Care (family income < 61% State median income)
FE80YF(IDD,JYL,KFM)	DHR Income Eligible Families Demanding Public Day Care on a Fee Basis (family income is between 61% and 80% of the State median income)
FR61YF(IDD,JYL,KFM)	Non-DHR Income Eligible Families Demanding Public Day Care on a Fee Basis (family income is between 80% and 115% of the State median income)
MEDINC	Median Income for the State
PCMDIN(MYD)	Income Eligibility Cut-off Points Percent of State Median Income
RAVINC(JYL)	Rounded-down Average Income (\$)
UUDDCF	Urban Density Demand Correction Factor

Phase 5

<u>Demand Variable</u>	<u>Definition</u>
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A. By District and State Totals

NECDS(IDD)	Children Demanding Public Child Day Care whose Family Income < 115% of the State Median Income - By District
------------	--------------------------------------------------------------------------------------------------------------

DEMAND	State total of all children in the State demanding public child day care whose family income < 115% of the State median income
N61C80D(IDD)	DHR Income Eligible Children demanding public child day care on a free and fee basis, whose family income is < 80% of the State Adjusted Median Income
NC6180D	State total of DHR Income Eligible Children demanding public child day care on a free and a fee basis
EXCDEM(IDD)	Excess demand after all children demanding service, whose family income < 115% of the State Median Income, have been assigned available slots (children)
EXDEMND	State total of the excess demand (children)
NCHLD(IDD)	Intermediate variable to calculate the excess demand or supply (number of children or slots not served) after all three income eligibility category demand has been offered day care service
STCF61D	State total of DHR Income Eligible Children demanding public day care on a free basis
STCF80D	State total of DHR Income Eligible Children demanding public day care on a fee basis
STC115D	State total of Non-DHR Income Eligible Children demanding public day care on a fee basis
STEXD61	State total for excess demand for DHR Income Eligible - free basis day care category (children)
STEXD80	State total for excess demand for DHR Income Eligible - fee basis day care category (children)

SXD6180	State total for excess demand for DHR Income Eligible - free and fee basis day care category (children)
STEXDNE	State total for excess demand for Non-DHR Income Eligible - fee basis day care category (children)

B. By Age Groups and Districts:

PCRDYCR(IDD,LAG)	Children age group distribution for children demand, children served, children not served (fraction)
NACF61D(IDD,LAG)	DHR Income Eligible Children demanding free public child care: by age group and district (infant, pre-school, school age)
NACF80D(IDD,LAG)	DHR Income Eligible Children demanding public child care on a fee basis: by age group and district
NAC115D(IDD,LAG)	Non-DHR Income Eligible Children demanding public child care on a fee basis: by age group and district
NCHDMAD(IDD,LAG)	Sum of (3 above variables) children demanding public child care on a free and fee basis: by age group and district
NA6180D(IDD,LAG)	DHR Income Eligible Children demanding free and fee basis day care: by age group and district

C. By Age Group:

NCD61AG(LAG)	DHR Income Eligible Children demanding free public child care: by age group
NCD80AG(LAG)	DHR Income Eligible Children demanding public child care on a fee basis: by age group
NC115AG(LAG)	Non-DHR Income Eligible Children demanding public child care on a fee basis: by age group

NCHDMAG (LAG)	All children demanding public child care, whose family income < 115% of the State Median Income: by age group
ND6180 (LAG)	DHR Income Eligible Children demanding public child day care on a free and a fee basis: by age group

Supply
Variable

By Districts and State Totals:

SUPSCH (IDD)	Supply (slots) available for public child care in each DHR district
SUPPLY	Total slots available for public child care for the State
SPAVFE (IDD)	Space (slots) available for DHR Income Eligible Children for day care on a fee basis
SPAVNE (IDD)	Space (slots) available for Non-DHR Income Eligible Children for day care on a fee basis
EXSPACE (IDD)	Excess space (slots) after serving all children demanding service whose family income < 115% of the State Median Income
STSPVFE	State total: space (slots) available for DHR Income Eligible Children for day care on a fee basis
STSPVNE	State total: space (slots) available for non-DHR Income Eligible Children for day care on a fee basis
EXCSUP (IDD)	Excess supply after all children, whose family income < 115% of State Adjusted Median Income, have been served by public day care
EXSUPPLY	State total: excess space (slots) after serving all children demanding service whose family income < 115% of the State Median Income

NSD61VR	Intermediate variable to calculate excess demand or supply for DHR Income Eligible - free basis day care category
NSD80VR	Intermediate variable to calculate excess demand or supply for DHR Income Eligible - fee basis day care category
SD6180V	Intermediate variable to calculate excess demand or supply for DHR Income Eligible - free and fee basis day care categories
NSDNEVR	Intermediate variable to calculate excess demand or supply for Non-DHR Income Eligible - fee basis day care category
STEXS61	State total for excess supply for DHR Income Eligible - free basis day care category
STEXS80	State total for excess supply for DHR Income Eligible - fee basis day care category
SXS6180	State total for excess supply for DHR Income Eligible - free and fee basis day care category
STEXSNE	State total for excess supply for Non-DHR Income Eligible - fee basis day care category

Service
Variables

A. By Districts and State Totals:

CSRV61(IDD)	DHR Income Eligible children (whose family income < 61% of the State Median Income) served on a free basis
NCSV61	State total: DHR Income Eligible children served on a free basis
CSRV80(IDD)	DHR Income Eligible children (whose family income is between 61% and 80% of the State Median Income) served on a fee basis

NCSV80	State total: DHR Income Eligible children served on a fee basis
CSRVNE(IDD)	Non-DHR Income Eligible children (whose family income is between 80% and 115% of the State Median Income) served on a fee basis
NCSVNE	State total: Non-DHR Income Eligible children served on a fee basis
CSV6180(IDD)	DHR Income Eligible children served on a free and a fee basis
N61SV80	State total: DHR Income Eligible children served on a free and a fee basis
NCHSRVD(IDD)	All children served - DHR and Non-DHR Income Eligible children served on a free and a fee basis (family income is < 115% of the State Median Income)
NTSTSRV	State total: DHR and Non-DHR Income Eligible children served on a free and a fee basis

B. By Age Groups and Districts:

NCSRV61(IDD,LAG)	DHR Income Eligible children served on a free basis (infant, pre-school, school age)
NCSV61A(LAG)	DHR Income Eligible children served on a free basis: by age group only
NCSRV80(IDD,LAG)	DHR Income Eligible children served on a fee basis (infant, pre-school, school age)
NCSV80A(LAG)	DHR Income Eligible children served on a fee basis: by age group only
NCS6180(IDD,LAG)	DHR Income Eligible children served on a free and a fee basis: by district and age group
N61S80A(LAG)	DHR Income Eligible children served on a free and a fee basis: by age group only

NCSRVNE(IDD,LAG)	Non-DHR Income Eligible children served on a fee basis (whose family income is between 80% and 115% of the State Median Income)
NCSVNEA(LAG)	Non-DHR Income Eligible children served on a fee basis: by age group only
NCHSVAD(IDD,LAG)	All children served - DHR and Non-DHR Income Eligible children served on a free and a fee basis (whose family income < 115% of the State Median Income)
NCHSVAG(LAG)	All children served - DHR and Non-DHR Income Eligible children served: by age group only

Not Served
Variables

A. By Districts and State Totals:

CNSV61(IDD)	DHR Income Eligible children not served on a free basis
NSVST61	State total: DHR Income Eligible children not served on a free basis
CNSV80(IDD)	DHR Income Eligible children not served on a fee basis
NSVST80	State total: DHR Income Eligible children not served on a fee basis
CNSVNE(IDD)	Non-DHR Income Eligible children not served on a fee basis
NSVSTNE	State total: Non-DHR Income Eligible children not served on a fee basis
NSC6180(IDD)	DHR Income Eligible children not served on a free and a fee basis
N61NS80	State total: DHR Income Eligible children not served on a free and a fee basis
NCNSRVD(IDD)	All children not served: DHR and Non-DHR Income Eligible children not served on a free and a fee basis (family income

< 115% of the State Median Income)

NSVSTGT

State total: all children not served - DHR and Non-DHR Income Eligible children not served on a free and a fee basis

B. By Age Groups and Districts:

NCNSV61(IDD,LAG)

DHR Income Eligible children not served (infant, pre-school, school age) on a free basis

NNSV61A(LAG)

DHR Income Eligible children not served on a free basis: by age group only

NCNSV80(IDD,LAG)

DHR Income Eligible children not served on a fee basis (infant, pre-school, school age)

NNSV80A(LAG)

DHR Income Eligible children not served on a free basis: by age group only

NNS6180(IDD,LAG)

DHR Income Eligible children not served on a free and a fee basis: by district and age group

NCNSVNE(IDD,LAG)

Non-DHR Income Eligible children not served on a fee basis (family income is between 80% and 115% of the State Median Income)

NNSVNEA(LAG)

Non-DHR Income Eligible children not served on a fee basis: by age group only

NCNSVAD(IDD,LAG)

All children not served: DHR and Non-DHR Income Eligible children not served on a free and a fee basis (whose family income < 115% of the State Median Income)

NCNSVAG(LAG)

All children not served: DHR and Non-DHR Income Eligible children not served: by age group only

Phase 6

<u>Variable</u>	<u>Definition</u>
I. Fees Received:	
FECHDYF(IDD,JYL,KFM)	Total fees for DHR Eligible children demanding service on a fee basis (family income is between 80% and 115% of the State Median Income) - (\$/child/year)
FECHDY(IDD,JYL)	Total fees for DHR Eligible children demanding service on a fee basis: by district and family income (\$/year)
FECHDM(IDD)	Total fees for DHR Eligible children demanding service on a fee basis: by district only (\$/year)
FENECDF(IDD,JYL,KFM)	Total fees for Non-DHR Eligible children demanding service on a fee basis (\$/child/year)
FENECDY(IDD,JYL)	Total fees for Non-DHR Eligible children demanding service on a fee basis (\$/year)
FENECD(IDD)	Total fees for Non-DHR Eligible children demanding service on a fee basis: by district only (\$/year)
FEEC80(IDD)	Fees received for DHR Income Eligible children served on a fee basis: by district (\$/year)
TFEEC80	State totals: fees received for DHR Income Eligible children served on a fee basis (\$/year)
FEECNE(IDD)	Fees received for Non-DHR Income Eligible children served on a fee basis (\$/year)
TFEECNE	State totals: fees received for Non-DHR Income Eligible children served on a fee basis (\$/year)
FEECSV(IDD)	Fees received for DHR and Non-DHR Income Eligible children (\$/year)

TSTFERC State totals: fees received for DHR and Non-DHR Income Eligible children (\$/year)

TFEESCH(IDD,JYL,KFM) Interim real variable for determining total projected fees for the districts (\$/year)

II. Child Care Costs:

A. By District and Age Group; By Age Group; By State Totals:

FRCRCST(IDD,LAG) Child care costs for DHR Income Eligible children being served on a free basis: by district and age group (\$/year)

TFRCRCT(IDD) Total child care costs for DHR Income Eligible children being served on a free basis: by district (\$/year)

FRCSTC State total: child care costs for DHR Income Eligible children being served on a free basis (\$/year)

FECRCST(IDD,LAG) Child care costs for DHR Income Eligible children being served on a fee basis: by district and age group (\$/year)

TFECRCT(IDD) Total child care costs for DHR Income Eligible children being served on a fee basis: by district (\$/year)

FECSTC State total: child care costs for DHR Income Eligible children being served on a fee basis (\$/year)

FRFECST(IDD,LAG) Child care costs for DHR Income Eligible children being served on a free and fee basis: by district and age group (\$/year)

TFRFECT(IDD) Child care costs for DHR Income Eligible children being served on a free and fee basis: by district only (\$/year)

TTRFEC State totals: child care costs for DHR Income Eligible children being served on a free and fee basis (\$/year)

FENECST(IDD,LAG)	Child care costs for Non-DHR Income Eligible children being served on a fee basis: by district and age group (\$/year)
TFENECT(IDD)	Child care costs for Non-DHR Income Eligible children being served on a fee basis: by district only (\$/year)
FENESTC	State total: child care costs for Non-DHR Income Eligible children being served on a fee basis (\$/year)
TCRCST(IDD,LAG)	Total child care costs for DHR and Non-DHR Income Eligible children being served on a free and fee basis: by district and age group (\$/year)
TTCRCST(IDD)	Total child care costs for DHR and Non-DHR Income Eligible children being served on a free and fee basis: by district only (\$/year)
TSTCST	State total: child care costs (\$/year)
B. By Age Group:	
TFRAGCT(LAG)	Child care costs for DHR Income Eligible children being served on a free basis: by age group (\$/year)
TFEAGCT(LAG)	Child care costs for DHR Income Eligible children being served on a fee basis: by age group (\$/year)
FRFEACT(LAG)	Child care costs for DHR Income Eligible children being served on a free and fee basis: by age group (\$/year)
TFNEACT(LAG)	Child care costs for Non-DHR Income Eligible children being served on a fee basis: by age group (\$/year)
STFRACT	State totals: child care costs for DHR Income Eligible children being served on a free basis (\$/year)
STFEACT	State totals: child care costs for DHR Income Eligible children being served on a fee basis (\$/year)

TFRFEAC	State totals: child care costs for DHR Income Eligible children being served on a fee and free basis (\$/year)
STFNACT	State totals: child care costs for Non-DHR Eligible children being served on a fee basis (\$/year)
TCSTAGE(LAG)	Child care costs for DHR and Non-DHR Income Eligible children being served on a free and fee basis: by age group (\$/year)
STGTCST	State totals: child care costs for DHR and Non-DHR Income Eligible children being served on a free and fee basis (\$/year)

III. Government and Private Costs:

PRVDHRC(IDD)	Private costs (fees received) for DHR Income Eligible children served on a fee basis (\$/year)
PVNDHRC(IDD)	Private costs (fees received) for Non-DHR Income Eligible children served on a fee basis (\$/year)
TPVNDHC	State totals: Fees received for Non-DHR Income Eligible children served on a fee basis (\$/year)
GOVTCST(IDD)	Government costs for child care for DHR and Non-DHR Income Eligible children being served on a free and fee basis (\$/year)
TGVTCST	State totals: government costs for child care for DHR and Non-DHR Income Eligible children being served on a free and fee basis (\$/year)
PRVCST(IDD)	Private costs (fees received) for DHR and Non-DHR Income Eligible children served on a fee basis (\$/year)
TPRVCST	State totals: Fees received for DHR and Non-DHR Income Eligible children served on a fee basis (\$/year)

GVTDHRC(IDD)	Net government costs after deducting fees received from DHR Income Eligible families. Includes costs for children served on a free basis (\$/year)
TGFRFEC	State totals: net government costs after deducting fees received from DHR Income Eligible families (\$/year)
GVNDHRC(IDD)	Net government costs after deducting fees received from only Non-DHR Income Eligible families (\$/year)
TGVNDHC	State totals: net government costs after deducting fees received from only Non-DHR Income Eligible families (\$/year)

Phase 7

<u>Variables</u>	<u>Definition</u>
CHGSUP(IDD)	Change factors to modify Supply Schedule at beginning of each time period (fraction)
NCHGSUP(IDD)	Number of slots the Supply will be increased or decreased (slots)
CGRTFDG(JYL)	Change factors to modify rural districts in the Families in Georgia Matrix (fraction)
CGUTFDG(JYL)	Change factors to modify urban districts in the Families in Georgia Matrix (fraction)
TCLOCK	Simulation clock keeping track of time (years)
TIME	Input variable that sets the length of the simulation run (years)

APPENDIX A-3

(COMPUTER) PROGRAM DAYCARE

PROGRAM DAYCARE

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1      A.3 PROGRAM DAYCARE (INPUT, OUTPUT, TAPE3, TAPE5=INPUT, TAPE6=OUTPUT)

C      A MODEL FOR THE ECONOMIC EVALUATION OF SLIDING FEE SYSTEMS FOR
C      PUBLIC CHILD DAY CARE SERVICES

5      REAL MDCARE, MEDINC, MXFECN

      INTEGER CFF, CF61YF, CF61DY, CF61D, CF80YF, CF80DY, CF80D,
10     1C115YF, C115DY, C115D, CNSV61, CNSV80, CNSVNE, CSRV61,
      2CSRV80, CSRVNE, CSV6180, DEMAND, EXCSUP, EXCOEM, EXSPACE,
      3EXDEMND, EXSUPPLY, FCUFDS, FWCUF, FR61YF, FE80YF, F115YF,
      4SPAVNE, SPAVFE, STSPVNE, STSPVFE, SUPSCH, SUPPLY, STTCHOM,
      5STCF61D, STCF80D, STC115D, STXS61, STXD61, STXS80, S06180V,
15     6XS6180, SXD6180, STXONE, STXSNE, STXD80,
      7TFDG, TFYD, TIME, TCLOCK

      DIMENSION ADJINC(10), AFDC(13,10), AVEGOST(10), AVEINC(13),
      10     1CFF(10), CF61D(10), CF61DY(10,13), CF61YF(10,13,10), CF80D(10),
      2CF80DY(10,13), CF80YF(10,13,10), CGRTFDG(13), CGUTFDG(13),
      3CHGSUP(10), CNSVNE(10), CNSV61(10), CNSV80(10), CSRVNE(10),
      4CSRV61(10), CSRV80(10), CSV6180(10), C115D(10), C115DY(10,13),
      5C115YF(10,13,10), DSLP(2), OSMP(2), OSUP(2), EXCOEM(10), EXCSUP(10),
      6EXPCCC(10,4), EXPFEF(10,13,10), EXSPACE(10), FAMELG(10,6),
      7FCUFDS(10,13,10), FCYMDR(13,10), FCYMOU(13,10), FOSTMM(10,13),
25     8FDSTMP(10,13), FECHDM(10), FECHDY(10,13), FECHDYF(10,13,10),
      9FECRCST(10,4), FECSTR(13,10), FEENE(10), FEESV(10), FEED80(10),
      DIMENSION FEESCH(10,13,10), FENECO(10), FENECDF(10,13,10),
      1FENECST(10,4), FETORY(10,13,10), FE80YF(10,13,10), FICA(13,10),
      2FRRCST(10,4), FRFEACT(10), FRFECST(10,3), FR61YF(10,13,10),
      3FWCUF(10,13,10), F115YF(10,13,10), GOVTCST(10), GVNDHRC(10),
      4GVTDHFC(10), ISWITCH(13), MDCARE(13,10), MXFECO(10), N61C80D(10),
      5NACF61D(10,4), NACF80D(10,4), NAC115D(10,4), NAC180D(10,3),
      6NCD61AG(3), NCD80AG(3), NCHDMAD(10,3), NCHDMAG(3), NCHGSUP(10),
      7NCHLD(10), NCHSRVD(10), NCHSVAD(10,3), NCHSVAG(3), NCNSRVD(10),
35     8NCNSVAC(10,3), NCNSVAG(3), NCNSVNE(10,4), NCNSV61(10,4),
      9NCNSRVNE(10,4), NCNSRV61(10,4), NCNSRV80(10,4), NCNSVNEA(3), NCNSV61A(3),
      DIMENSION NCSV80A(3), NCS6180(10,3), NC115AG(3), ND6180(3), NECDS(10),
      1NNSV61A(3), NNSV80A(3), NNS6180(10,3), NSC6180(10), NS6180A(3),
      2N61S80A(3), PCMDIN(6), PCRDYCR(4), PFCUF(10), PFDS(10,13,10),
      3PRVDHRC(10), PUBHSG(13,10), PVNDHRC(10), RAVINC(13), RNY(10,13,10),
      4RTFDG(10,13,10), SLP(2), SPAVFE(10), SPAVNE(10), SUPSCH(10),
      5TAXLIA(10,13), TCSTAGE(3), TCRCST(10,4), TFEAGCT(3), TFDG(10,13,10),
      6TFECRCST(10), TFEESCH(10,13,10), TFENECT(10), TFNEACT(3), TFRAGCT(3),
      7TFRRCST(10), TFRFECT(10), TFYD(10,13), TTCRCST(10), XCF(10),
45     8XCF80D(10), XCSRVNE(10), XCSRV80(10), XC115D(10), XFWCUF(10,13,10),
      9XTFYD(10,13), FENECDF(10,13), NCNSV80(10,4), NNSVNEA(3), PRVCST(10)

      DATA FWCUF/1300*0/, TFDG/1300*0/

50     12  FORMAT(13I6)
      13  FORMAT(40X, *TOTAL FAMILIES BY INCOME LEVELS AND BY OHR DISTRICTS*/
      1/5X, *OHR*, 51X, *INCOME LEVELS*//5X, *DISTRICT*, 3X, *<$1.0 $1-1.9 $2
      2-2.9 $3-3.9 $4-4.9 $5-5.9 $6-6.9 $7-7.9 $8-8.9 $9-9.9 $10-
      311.9 $12-14.9 $15.0+*//)
55     14  FORMAT(6X, I2, 8X, 10(I5, 3X), 2(I5, 5X), (I5, 2X)/)
      15  FORMAT(47X, *FAMILY COMPOSITION IN RURAL DISTRICTS*/53X, *BY FAMILY
      INCOME AND SIZE*///)

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PROGRAM DAYCARE

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16  FORMAT(60X,*FAMILY MEMBERS*/6X,*INCOME*/7X,*LEVEL*,10X,*1*,10X,*2*
60  1,10X,*3*,10X,*4*,10X,*5*,10X,*6*,10X,*7*,10X,*8*,10X,*9*,10X,*10*
    2//)
17  FORMAT(47X,*FAMILY COMPOSITION IN URBAN DISTRICTS*/53X,*BY FAMILY
    INCOME AND SIZE*///)
18  FORMAT(3X,*<$1,000*,7X,10(F8.2,3X)/4X,*$1-1,999*,5X,10(F8.2,3X)/4X
65  1,*$2-2,999*,5X,10(F8.2,3X)/4X,*$3-3,999*,5X,10(F8.2,3X)/4X,*$4-4,9
    299*,5X,10(F8.2,3X)/4X,*$5-5,999*,5X,10(F8.2,3X)/4X,*$6-6,999*,5X,1
    30(F8.2,3X)/4X,*$7-7,999*,5X,10(F8.2,3X)/4X,*$8-8,999*,5X,10(F8.2,3
    4X)/4X,*$9-9,999*,5X,10(F8.2,3X)/4X,*$10-11,999*,3X,10(F8.2,3X)/4X,
    5*$12-14,999*,3X,10(F8.2,3X)/4X,*$15,000+*,5X,10(F8.2,3X)////)
19  FORMAT(3X,*<$1,000*,7X,10(01I8,3X)/4X,*$1-1,999*,5X,10(01I8,3X)/4X
70  1,*$2-2,999*,5X,10(01I8,3X)/4X,*$3-3,999*,5X,10(01I8,3X)/4X,*$4-4,9
    299*,5X,10(01I8,3X)/4X,*$5-5,999*,5X,10(01I8,3X)/4X,*$6-6,999*,5X,1
    30(01I8,3X)/4X,*$7-7,999*,5X,10(01I8,3X)/4X,*$8-8,999*,5X,10(01I8,3
    4X)/4X,*$9-9,999*,5X,10(01I8,3X)/4X,*$10-11,999*,3X,10(01I8,3X)/4X,
    5*$12-14,999*,3X,10(01I8,3X)/4X,*$15,000+*,5X,10(01I8,3X)////)
75  20  FORMAT(5X,*DHR DISTRICT NO.*,2X,I2)
    21  FORMAT(1H1)
    22  FORMAT(1H0)
    23  FORMAT(5X,*DHR DISTRICT NO.*,2X,I2//56X,*FAMILIES IN GEORGIA*/48X,
    1*BY DISTRICT: FAMILY INCOME AND SIZE*///)
80  24  FORMAT(10F5.2)
    25  FORMAT(3X,*<$1,000*,9X,10(F6.2,5X)/4X,*$1-1,999*,7X,10(F6.2,5X)/4X
    1,*$2-2,999*,7X,10(F6.2,5X)/4X,*$3-3,999*,7X,10(F6.2,5X)/4X,*$4-4,9
    299*,7X,10(F6.2,5X)/4X,*$5-5,999*,7X,10(F6.2,5X)/4X,*$6-6,999*,7X,1
    30(F6.2,5X)/4X,*$7-7,999*,7X,10(F6.2,5X)/4X,*$8-8,999*,7X,10(F6.2,5
    4X)/4X,*$9-9,999*,7X,10(F6.2,5X)/4X,*$10-11,999*,5X,10(F6.2,5X)/4X,
    5*$12-14,999*,5X,10(F6.2,5X)/4X,*$15,000+*,7X,10(F6.2,5X)////)
85  115  FORMAT(6F6.3)
    116  FORMAT(2F6.3)
    117  FORMAT(F10.3)
90  118  FORMAT(10I5)
    119  FORMAT(I5)
    120  FORMAT(13I5)
    121  FORMAT(10F5.3)
    123  FORMAT(4F5.2)
95  124  FORMAT(30X,*DISTRIBUTION OF FAMILIES WITH CHILDREN <14 YEARS OLD:
    18Y FAMILY SIZE*///)
    125  FORMAT(58X,*FAMILY MEMBERS*//20X,*1*,10X,*2*,10X,*3*,10X,*4*,10X,*
    15*,10X,*6*,10X,*7*,10X,*8*,10X,*9*,10X,*10*//)
    126  FORMAT(10X,*X*,2X,10(F6.3,3X)////)
100  127  FORMAT(55X,*CHILDREN-FAMILY-FACTOR*///)
    128  FORMAT(38X,*EXPECTED PUBLIC CHILD DAY CARE USAGE DISTRIBUTION*,
    11X,*-BY AGE*//15X,*AGE*,15X,*<3 YEARS OLD*,15X,
    2*4-6 YEARS OLD*,15X,*7-14 YEARS OLD*//9X,
    3*EXPECTED VALUE*,12X,F4.2,24X,F4.2,25X,F4.2///)
105  129  FORMAT(5X,*DHR DISTRICT NO.*,2X,I2//47X,*FAMILIES WITH CHILDREN U
    1NDER 14 YEARS OLD*//)
    140  FORMAT(57X,*INCOME TAX LIABILITY*//5X,*ASSUME: MARRIED: FILING JOI
    INTLY: */14X,*STANDARD DEDUCTION: 1976 TAX TABLES*///)
110  218  FORMAT(16X,*<$1.0 $1-1.9 $2-2.9 $3-3.9 $4-4.9 $5-5.9 $6-6.9
    1 $7-7.9 $8-8.9 $9-9.9 $10-11.9 $12-14.9 $15.0+*//)
    219  FORMAT(3X,*<$1,000*,7X,10(F8.0,3X)/4X,*$1-1,999*,5X,10(F8.0,3X)/4X
    1,*$2-2,999*,5X,10(F8.0,3X)/4X,*$3-3,999*,5X,10(F8.0,3X)/4X,*$4-4,9
    299*,5X,10(F8.0,3X)/4X,*$5-5,999*,5X,10(F8.0,3X)/4X,*$6-6,999*,5X,1
    30(F8.0,3X)/4X,*$7-7,999*,5X,10(F8.0,3X)/4X,*$8-8,999*,5X,10(F8.0,3

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PROGRAM DAYCARE

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115      4X)/4X,*$8-9,999*,5X,10(F8.0,3X)/4X,*$10-11,999*,3X,10(F8.0,3X)/4X,
      5*$12-14,999*,3X,10(F8.0,3X)/4X,*$15,000+*,5X,10(F8.0,3X)/////
220      FORMAT(13F5.3)
221      FORMAT(13F6.0)
222      FORMAT(6F8.3)
120      223      FORMAT(F10.2)
224      FORMAT(10F8.0/3F8.0)
225      FORMAT(10I5)
226      FORMAT(10F6.0)
230      FORMAT(3X,*DHR DISTRICTS*,46X,*FAMILY INCOME*//)
125      232      FORMAT(2X,*# CHILDREN*)
233      FORMAT(10F8.2)
234      FORMAT(20X,10(I1,10X)//)
327      FORMAT(58X,*FICA WITHHOLDING*//)
329      FORMAT(58X,*MEDICARE BENEFITS*//)
130      330      FORMAT(55X,*PUBLIC HOUSING BENEFITS*//)
331      FORMAT(56X,*FOOD STAMP BENEFITS*//)
333      FORMAT(63X,*AFDC*/43X,*AID TO FAMILIES WITH DEPENDENT CHILDREN BEN
      1EFITS*//)
335      FORMAT(50X,*FAMILY ELIGIBILITY FOR H.R.1 BENEFITS*/46X,*ANNUAL MED
135      1IAN INCOME ADJUSTED FOR FAMILY SIZE*//)
336      FORMAT(5X,*FAMILY MEMBERS*,6X,*% ADJ.*,5X,F4.2,*MED.INC.*,5X,F4.2,
      1*MED.INC.*,5X,F4.2,*MED.INC.*,5X,F4.2,*MED.INC.*2*//)
338      FORMAT(105X,*DHP DISTRICTS *,006X,*1*,10X,*2*,10X,*3*,10X,*4*,10X,*
140      15*,10X,*6*,10X,*7*,10X,*8*,10X,*9*,10X,*10*//21X,10(F6.0,5X)//)
339      FORMAT(40X,*EXPECTED CHILD CARE COSTS PER CHILD BY AGE GROUP*//60X
      1,*AGE GROUP*//20X,*DHP DISTRICTS*,10X,*INFANT*,10X,*PRE-SCHOOL*,10
      2X,*SCHOOL AGE*,10X,*AVE. COST/CHILD*//)
340      FORMAT(20X,12,12X,F8.0,10X,F8.0,12X,F8.0,12X,F8.0//)
145      342      FORMAT(10X,12,10X,F8.2,9X,F8.2,9X,F8.2,9X,F8.2,9X,F8.2,9X,F8.2//)
344      FORMAT(57X,*SLIDING FEE SCHEDULE*/50X,*FULL DAY FEE PER CHILD PER
      1YEAR*//)
346      FORMAT(34X,*EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCO
      1ME AND SIZE*/50X,*FULL DAY FEE PER FAMILY PER YEAR*//)
150      349      FORMAT(52X,*FEE-TO-REAL NET INCOME RATIOS*//)
350      FORMAT(38X,*FEES BASED ON A PERCENT OF COST PER CHILD IN EACH DIST
      1RICT*//)
352      FORMAT(40X,*MAXIMUM FEE PER CHILD FOR DAY CARE BASED ON COST*//)
354      FORMAT(44X,*REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY*//)
155      355      FORMAT(48X,*PERCENT OF FAMILIES DEMANDING SERVICES*//)
356      FORMAT(39X,*FAMILIES WITH CHILDREN UNDER 14 YEARS DEMANDING SERVIC
      1E*//)
361      FORMAT(105X,*DHP DISTRICTS *,006X,*1*,10X,*2*,10X,*3*,10X,*4*,10X,*
      15*,10X,*6*,10X,*7*,10X,*8*,10X,*9*,10X,*10*//21X,10(I6.5X)//)
160      364      FORMAT(20X,*THE MEDIAN INCOME FOR THE STATE OF GEORGIA IS: $*,F8.0
      1//)
365      FORMAT(40X,*ELIGIBILITY CUT-OFF POINTS BASED ON MEDIAN INCOME*//)
367      FORMAT(38X,*DHR INCOME ELIGIBLE FAMILIES DEMANDING*,1X,
      1*FREE PUBLIC DAY CARE*//)
165      368      FORMAT(33X,*DHR INCOME ELIGIBLE FAMILIES DEMANDING PUBLIC DAY*,1X,
      1*CARE ON A FEE BASIS*//)
369      FORMAT(38X,*NON-DHR INCOME ELIGIBLE FAMILIES *,1X,
      1*DEMANDING PUBLIC DAY CARE*//)
370      FORMAT(37X,*DHR-INCOME ELIGIBLE CHILDREN DEMANDING*,1X,
      1*FREE PUBLIC DAYCARE*//)
170      371      FORMAT(40X,*DHR INCOME ELIGIBLE CHILDREN DEMANDING*,1X,

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PROGRAM DAYCARE

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1*FREE PUBLIC DAY CARE*/51X,*BY DISTRICT AND FAMILY INCOME*///)
372 FORMAT(40X,*DHR INCOME ELIGIBLE CHILDREN DEMANDING*,1X,
1*FREE PUBLIC DAY CARE*/64X,*BY DISTRICT*///)
175 373 FORMAT(33X,*DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC*,1X,
1*DAY CARE ON A FEE BASIS*///)
374 FORMAT(36X,*DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC*,1X,
1*DAY CARE ON A FEE BASIS*/51X,*BY DISTRICT AND FAMILY INCOME*///)
375 FORMAT(36X,*DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC*,1X,
1*DAY CARE ON A FEE BASIS*/60X,*BY DISTRICT*///)
180 376 FORMAT(42X,*NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE*//
1/)
377 FORMAT(44X,*NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE*/4
19X,*BY DISTRICT AND FAMILY INCOME*///)
185 379 FORMAT(20X,*INCOME ELIGIBILITY FOR*/21X,*FREE PUBLIC DAY CARE: *,1
10X,*FAMILY INCOME <*,F4.2,*MEDIAN INCOME*///)
380 FORMAT(20X,*INCOME ELIGIBILITY FOR*/20X,*PUBLIC DAY CARE ON A */39
1X,*FEE BASIS: *,F4.2,*MED.INC. < FAMILY INCOME < *,F4.2,*MED.INC.
2*///)
190 381 FORMAT(20X,*NOT INCOME ELIGIBLE FOR DHR*/31X,*PUBLIC DAY CARE*/4X,
1F4.2,*MED.INC. < FAMILY INCOME < *,F4.2/)
382 FORMAT(20X,*NOT INCOME ELIGIBLE FOR ANY*/31X,*PUBLIC DAY CARE*/6X
1,*FAMILY INCOME > *,F4.2,*MEDIAN INCOME*///)
383 FORMAT(10X,*FAMILY INCOME <61% OF THE STATE MEDIAN INCOME*///)
195 384 FORMAT(10X,*FAMILY INCOME IS BETWEEN 61% AND */10X,*80% OF THE STA
1TE MEDIAN INCOME*///)
385 FORMAT(10X,*FAMILY INCOME IS BETWEEN 80% AND */10X,*115% OF THE ST
1ATE MEDIAN INCOME*///)
434 FORMAT(53X,*SUPPLY AND DEMAND ANALYSIS*/53X,
200 1*FOR CHILDREN: BY DISTRICTS*/)
435 FORMAT(27X,*DHR INCOME ELIGIBLE*,18X,*DHR INCOME ELIGIBLE*,18X,
1*TOTALS:DHR INCOME ELIGIBLE*/24X,*FREE BASIS PUBLIC DAY CARE*,12X,
2*FEE BASIS PUBLIC DAYCARE*,14X,*FREE/FEE BASIS PUBLIC DAYCARE*//
311X,*DHR*,6X,*{SLOTS}*,11X,*EXCESS*,3X,*EXCESS*,5X,*{SLOTS}*,11X,
205 4*EXCESS*,3X,*EXCESS*,8X,*{SLOTS}*,11X,*EXCESS*,3X,*EXCESS*/8X,
5*DISTRICTS*,3X,*SUPPLY*,3X,*DEMAND*,3X,*SUPPLY*,3X,*DEMAND*,5X,
6*SUPPLY*,3X,*DEMAND*,3X,*SUPPLY*,3X,*DEMAND*,8X,*SUPPLY*,3X,
7*DEMAND*,3X,*SUPPLY*,3X,*DEMAND*)
436 FORMAT(11X,I2.4X,4I9.2X,4I9.5X,4I9)
210 437 FORMAT(5X,*STATE TOTALS*,4I9.2X,4I9.5X,4I9*///)
438 FORMAT(25X,*NON-DHR INCOME ELIGIBLE*,14X,*TOTALS:DHR/NON-DHR INCOM
1E ELIGIBLE*/24X,*FEE BASIS PUBLIC DAY CARE*,15X,*FREE/FEE BASIS PU
2BLIC DAY CARE*/11X,*DHR*,6X,*{SLOTS}*,11X,*EXCESS*,3X,*EXCESS*,
310X,*{SLOTS}*,11X,*EXCESS*,3X,*EXCESS*/8X,*DISTRICTS*,3X,
215 4*SUPPLY*,3X,*DEMAND*,3X,*SUPPLY*,3X,*DEMAND*,
510X,*SUPPLY*,3X,*DEMAND*,3X,*SUPPLY*,3X,*DEMAND*)
439 FORMAT(11X,I2.4X,4I9.7X,4I9)
440 FORMAT(5X,*STATE TOTALS*,4I9.7X,4I9*///)
441 FORMAT(25X,*NON-DHR INCOME ELIGIBLE*,14X,*TOTALS:DHR/NON-DHR INCOM
1E ELIGIBLE*/24X,*FEE BASIS PUBLIC DAY CARE*,15X,*FREE/FEE BASIS PU
2BLIC DAY CARE*/11X,*DHR*,34X,*NOT*,32X,*NOT*)
442 FORMAT(8X,*DISTRICTS*,12X,*DEMAND*,3X,*SERVED*,3X,*SERVED*,
111X,*DEMAND*,3X,*SERVED*,3X,*SERVED*///)
443 FORMAT(7X,I2.2X,*INFANT*,9X,3I9.8X,3I9/
225 17X,*PRE-SCHOOL*,9X,3I9.8X,3I9/7X,*SCHOOL-AGE*,9X,3I9.8X,3I9)
445 FORMAT(53X,*DEMAND AND SERVICE ANALYSIS*/47X,*FOR CHILDREN: BY DIS
1TRICT, BY AGE GROUP*/)
446 FORMAT(7X,*DISTRICT TOTALS*,4X,3I9.8X,3I9/)

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FTN 4.6+452

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230 447 FORMAT(27X,*DHR INCOME ELIGIBLE*,18X,*DHR INCOME ELIGIBLE*,18X,
1*TOTALS:DHR INCOME ELIGIBLE*/24X,*FREE BASIS PUBLIC DAY CARE*,12X,
2*FEE BASIS PUBLIC DAYCARE*,14X,*FREE/FEE BASIS PUBLIC DAYCARE*/
311X,*DHR*,34X,*NOT*,32X,*NOT*,38X,*NOT*)
448 FORMAT(8X,*DISTRICTS*,12X,*DEMAND*,3X,*SERVED*,3X,*SERVED*,11X,
1*DEMAND*,3X,*SERVED*,3X,*SERVED*,17X,*DEMAND*,3X,*SERVED*,3X,
2*SERVED*)
235 449 FORMAT(7X,I2,2X,*INFANT*,9X,3I9,8X,3I9,14X,3I9/
17X,*PRE-SCHOOL*,9X,3I9,8X,3I9,14X,3I9/7X,*SCHOOL-AGE*,
29X,3I9,8X,3I9,14X,3I9)
450 FORMAT(47X,*FINANCIAL ANALYSIS FOR PUBLIC DAY CARE*/56X,*BY DISTRI
1CT,BY AGE*/)
240 451 FORMAT(42X,*DHR INCOME ELIGIBLE*,9X,*DHR INCOME ELIGIBLE*,10X,
1*TOTALS:DHR INCOME ELIGIBLE*/41X,*SERVED ON A*,18X,*SERVED ON A*,
219X,*SERVED ON A*,3X,*TOTALS*)
452 FORMAT(10X,*CHR*,28X,*FREE BASIS*,2X,*FREE BASIS*,8X,*FEE BASIS*
1,3X,*FEE BASIS*,6X,*FREE/FEE BASIS*)
245 453 FORMAT(8X,*DISTRICT*,10X,*COST/CHILDO*,7X,*DAY CARE*,3X,*CARE COST
1*,7X,*DAY CARE*,4X,*CARE COST*,9X,*DAY CARE*,3X,*CARE COST*)
454 FORMAT(10X,I2,2X,*INFANT*,4X,F10.0,3(5X,I12,F12.0)/
114X,*PRE-SCHOOL*,F10.0,3(5X,I12,F12.0)/
214X,*SCHOOL-AGE*,F10.0,3(5X,I12,F12.0))
250 455 FORMAT(9X,*DISTRICT TOTALS*,10X,3(5X,I12,F12.0)/)
456 FORMAT(7X,*DISTRICT TOTALS*,4X,3I9,8X,3I9,14X,3I9/)
460 FORMAT(50X,*SUMMARY OF FINANCIAL ANALYSIS*/45X,*FOR PUBLIC CHILDO
1AY CARE IN THE STATE*/)
255 461 FORMAT(10X,*TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE ST
1ATE*/16X,*DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILDO*,
21X,*DAY CAPE SERVICES*/1)
462 FORMAT(102X,*NET*,13X,*NET*)
463 FORMAT(13X,*DHR*,7X,*FREE BASIS*,5X,*FEE BASIS*,
122X,*TCTAL*,11X,*FEE*,11X,*GOVERNMENT*,7X,*PRIVATE*)
260 464 FORMAT(10X,*DISTRICT*,5X,*CARE COSTS*,5X,*CARE COSTS*,
120X,*NET COST*,7X,*RECEIVED*,10X,*COSTS*,11X,*COSTS*)
465 FORMAT(14X,I2,2X,2F15.0,13X,4F15.0)
468 FORMAT(7X,*STATE TOTALS*,2X,F12.0,F15.0,13X,4F15.0)
265 469 FORMAT(7X,*STATE TOTALS*)
470 FORMAT(14X,*INFANT*,14X,3(5X,I12,F12.0)/
114X,*PRE-SCHOOL*,10X,3(5X,I12,F12.0)/
214X,*SCHOOL-AGE*,10X,3(5X,I12,F12.0))
471 FORMAT(5X,*STATE GRAND TOTAL*,12X,3(5X,I12,F12.0))
270 472 FORMAT(7X,*INFANT*,13X,3I9,8X,3I9,14X,3I9/
17X,*PRE-SCHOOL*,9X,3I9,8X,3I9,14X,3I9/7X,*SCHOOL-AGE*
2,9X,3I9,8X,3I9,14X,3I9)
473 FORMAT(5X,*STATE GRAND TOTAL*,4X,3I9,8X,3I9,14X,3I9//)
474 FORMAT(7X,*INFANT*,13X,3I9,8X,3I9/7X,*PRE-SCHOOL*,9X,3I9,8X,3I9/
17X,*SCHOOL-AGE*,9X,3I9,8X,3I9)
275 475 FORMAT(5X,*STATE GRAND TOTAL*,4X,3I9,8X,3I9//)
477 FORMAT(40X,*NON-DHR INCOME ELIGIBLE*,4X,*TOTALS:DHR/NCN-DHR INCOM
1E ELIGIBLE*/41X,*SERVED ON A*,23X,*SERVED ON A*,3X,*TOTALS*)
478 FORMAT(10X,*DHR*,29X,*FEE BASIS*,22X,*FREE/FEE BASIS*)
280 479 FORMAT(8X,*DISTRICT*,10X,*COST/CHILDO*,7X,*DAY CARE*,3X,*CARE COST*
1,13X,*DAY CARE*,3X,*CARE COST*)
480 FORMAT(10X,I2,2X,*INFANT*,4X,F10.0,5X,I12,F12.0,9X,I12,F12.0/
114X,*PRE-SCHOOL*,F10.0,5X,I12,F12.0,9X,I12,F12.0/
214X,*SCHCOL-AGE*,F10.0,5X,I12,F12.0,9X,I12,F12.0)
285 481 FORMAT(9X,*DISTRICT TOTALS*,10X,5X,I12,F12.0,9X,I12,F12.0/)

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PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

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482  FORMAT(14X,*INFANT*,14X,5X,I12,F12.0,9X,I12,F12.0/
      114X,*PRE-SCHOOL*,10X,5X,I12,F12.0,9X,I12,F12.0/
      214X,*SCHOOL-AGE*,10X,5X,I12,F12.0,9X,I12,F12.0)
483  FORMAT(5X,*STATE GRAND TOTAL*,12X,5X,I12,F12.0,9X,I12,F12.0)
290  484  FORMAT(16X,*NON-DHR INCOME ELIGIBLE CHILDREN*/16X,*ASSUMED*,
      11X,*TC BE USING PUBLIC CHILDO DAY CARE*//)
485  FORMAT(13X,*DHR*,7X,*FEE BASIS*,37X,*TOTALS*,11X,*FEES*
      1,9X,*TOTAL GCV'T*,3X,*TOTAL PRIVATE*)
486  FORMAT(14X,I2,F15.0,30X,4F15.0)
295  487  FORMAT(7X,*STATE TOTALS*,F12.0,30X,4F15.0//)
488  FORMAT(16X,*TOTALS*OHR/NON-DHR INCOME ELIGIBLE CHILDREN*/
      1,16X,*ASSUMED TO BE USING PUBLIC CHILDO DAY CARE*//)
489  FORMAT(13X,*DHR*,53X,*TOTALS*,10X,*FEES*,9X,
      1,*TOTAL GCV'T*,3X,*TOTAL PRIVATE*)
300  490  FORMAT(10X,*DISTRICT*,50X,*NET COSTS*,6X,*RECEIVED*,10X,
      1,*COSTS*,10X,*COSTS*)
491  FORMAT(14X,I2,45X,4F15.0)
492  FORMAT(7X,*STATE TOTALS*,42X,4F15.0//)
495  FORMAT(10X,*DISTRICT*,5X,*CARE COSTS*,35X,*NET COSTS*,7X,
      1,*RECEIVED*,10X,*COSTS*,10X,*COSTS*)
305  496  FORMAT(80X,*SIMULATION CLOCK INDICATES TIME PERIOD:*,I5/)

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C  READ CENSUS OF THE POPULATION DATA FOR THE STATE AS
C  THE INITIAL INPUT DATA

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```

310  READ(5,12) ((TFYD(IOD,JYL),JYL=1,13),IOD=1,10)
      READ(5,24) ((FCYMDR(JYL,KFM),KFM=1,10),JYL=1,13)
      READ(5,24) ((FCYMDU(JYL,KFM),KFM=1,10),JYL=1,13)
      READ(5,121)PFCUF
315  READ(5,118)CFF
      READ(5,222)OSUP,OSMP,OSLP
      READ(5,224)AVEINC
      READ(5,224) ((TAXLIA(KFM,JYL),JYL=1,13),KFM=1,10)
      READ(5,226) ((FICA(JYL,KFM),KFM=1,10),JYL=1,13)
320  READ(5,233) ((FECSTR(JYL,KFM),KFM=1,10),JYL=1,13)
      READ(5,226)AVECOST
      READ(5,116)CCR13,CCR12
      READ(5,226) ((IMDCARE(JYL,KFM),KFM=1,10),JYL=1,13)
      READ(5,226) ((PUBHSG(JYL,KFM),KFM=1,10),JYL=1,13)
325  READ(5,226) ((AFDC(JYL,KFM),KFM=1,10),JYL=1,13)
      READ(5,221) ((FDSTMM(KFM,JYL),JYL=1,13),KFM=1,10)
      READ(5,115)PCMDIN
      READ(5,223)MEDINC
      READ(5,24)ADJINC
330  READ(5,225)SUPSCH
      READ(5,123)PCRDYCR
      READ(5,220)CGRTFDG
      READ(5,220)CGUTFDG
      READ(5,121)CHG SUP
335  READ(5,120)ISWITCH
      READ(5,117)UDDCF
      READ(5,119)TIME

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340  C  PHASE 11 TRANSFORMING CENSUS DATA INTO MODEL SOCIO-ECONOMIC INPUT DATA

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PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

TCLOCK=1

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345      C      COMPUTE FAMILY DISTRIBUTION IN THE STATE
          DO 504 IDD=1,10
          DO 504 KFM=1,10
          DO 504 JYL=1,13
350      IF (IDD.EQ.3) GO TO 502
          XTFYD (IDD,JYL)=TFYD (IDD,JYL)
          RTFDG (IDD,JYL,KFM)=XTFYD (IDD,JYL)*FCYMDR (JYL,KFM)
          RTFDG (IDD,JYL,1)=9999999999.
          GO TO 504
355      502 DO 503 JYJ=1,13
          DO 503 KFK=1,10
          XTFYD (IDD,JYJ)=TFYD (IDD,JYJ)
          RTFDG (IDD,JYJ,KFK)=XTFYD (IDD,JYJ)*FCYMDU (JYJ,KFK)
          RTFDG (IDD,JYJ,1)=9999999999.
360      503 CONTINUE
          504 CONTINUE

      C      COMPUTE FAMILIES WITH CHILDREN UNDER 14 YEARS OLD
365      7505 DO 505 IDD=1,10
          DO 505 KFM=1,10
          DO 505 JYL=1,13
          TFDG (IDD,JYL,KFM)=AINT (RTFDG (IDD,JYL,KFM)+.05)
          505 FMCUF (IDD,JYL,KFM)=PFCUF (KFM)*RTFDG (IDD,JYL,KFM)
370      IF (TCLOCK.NE.1) GO TO 7531

      C      PHASE 2: CONSTRUCTING MODEL ECONOMIC PARAMETERS
375
          DO 510 KFM=1,10
          DO 510 JYL=1,13
          510 FDSTMF (KFM,JYL)=FDSTMM (KFM,JYL)*12.
380
      C      CONSTRUCTING THE SLIDING FEE SCHEDULE
      C      ASSUME AVERAGE CARE COST PER CHILD IS THE MAXIMUM FEE TO BE CHARGED
385
          DO 511 IDD=1,10
          EXPCCC (IDD,4)=AVECOST (IDD)
          511 CONTINUE
          DO 520 IDD=1,10
          520 MXFECD (IDD)=EXPCCC (IDD,4)
390
      C      COMPUTE SLIDING FEE SCHEDULE FOR EACH DISTRICT BASED ON A PERCENT OF
      C      THE AVERAGE CARE COST PER CHILD
395
          DO 521 IDD=1,10
          DO 521 JYL=1,13
          DO 521 KFM=1,10
          FEESCH (IDD,JYL,KFM)=FECSTR (JYL,KFM)*MXFECD (IDD)
          FEESCH (IDD,JYL,1)=9999999999.
          521 CONTINUE

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PROGRAM DAYCARE 74/74 OPT=1

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400      C      CALCULATE EXPECTED FEES PER FAMILY BY DISTRICT FAMILY INCOME AND SIZE
          DO 522 IDD=1,10
          DO 522 JYL=1,13
405      DO 522 KFM=1,10
          XCFF(KFM)=CFF(KFM)
          EXPFEF(ICC,JYL,KFM)=FEESCH(IDD,JYL,KFM)*XCFF(KFM)
          EXPFEF(IDD,JYL,1)=999999999.
          522 CONTINUE
410      C      CALCULATE REAL NET FAMILY INCOME BY DISTRICT BY FAMILY INCOME AND SIZE
          DO 523 IDD=1,10
          DO 523 JYL=1,13
415      DO 523 KFM=1,10
          RNY(ICC,JYL,KFM)=0.0
          523 RNY(ICC,JYL,KFM)=AVEINC(JYL)-TAXLIA(KFM,JYL)-FICA(JYL,KFM)-EXPFEF(
            1IDD,JYL,KFM)+MOCARE(JYL,KFM)+PUBHSG(JYL,KFM)+FDSTMP(KFM,JYL)+AFDC(
            2JYL,KFM)
420
          C      PHASE 3: DEMAND SCHEDULE AND OVERALL DEMAND
425      C      CALCULATE FEE-TO-REAL NET FAMILY INCOME RATIO
          DO 524 IDD=1,10
          DO 524 JYL=1,13
          DO 524 KFM=1,10
430      FETORY(ICC,JYL,KFM)=EXPFEF(IDD,JYL,KFM)/RNY(ICC,JYL,KFM)
          IF(FETORY(ICC,JYL,KFM).GE.0.0) GO TO 524
          FETORY(ICC,JYL,KFM)=-999999999.
          524 CONTINUE
435      C      CONSTRUCT DEMAND SCHEDULE
          C      ASSUME TWO(2) STRAIGHT LINES DEFINE THE DEMAND SCHEDULE
          C      THREE INPUT VARIABLES ARE THE POINTS DEFINING THE DEMAND SCHEDULE
          C      POINTS ON THE DEMAND FUNCTION ARE BETWEEN 0. AND 1.0
440      C      CALCULATE SLOPES AND INTERCEPT POINTS ON THE X AND Y-AXES
          SLP(1)=(DSMP(2)-DSUP(2))/(DSMP(1)-DSUP(1))
          SLP(2)=(DSL(2)-DSMP(2))/(DSL(1)-DSMP(1))
          VINTR1=DSUP(2)-SLP(1)*DSUP(1)
          VINTR2=DSMP(2)-SLP(2)*DSMP(1)
445      XINTR2=-VINTR2/SLP(2)
          C      LOCATE PERCENT OF FAMILIES DEMANDING SERVICE ON DEMAND SCHEDULE
450      DO 530 IDD=1,10
          DO 530 JYL=1,13
          DO 530 KFM=1,10
          PFDS(ICC,JYL,KFM)=0.0
          IF(FETORY(ICC,JYL,KFM).GE.XINTR2) GO TO 529
455      IF(FETORY(ICC,JYL,KFM).LE.XINTR2.AND.FETORY(ICC,JYL,KFM).GE.DSMP(1
            1)) GO TO 528

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PROGRAM DAYCARE 74/74 OPT=1

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      IF(FETORY(IDD,JYL,KFM).GE.0.0.AND.FETORY(IDD,JYL,KFM).LT.OSMP(1))
      1GO TO 527
      IF(FETORY(IDD,JYL,KFM).LT.0.0) GO TO 529
460      GO TO 530
      527 PFDS(ICO,JYL,KFM)=SLP(1)*FETORY(IDD,JYL,KFM)+YINTR1
      PFDS(ICO,JYL,1)=9999999999.
      GO TO 530
      528 PFDS(ICO,JYL,KFM)=SLP(2)*FETORY(IDD,JYL,KFM)+YINTR2
465      PFDS(ICO,JYL,1)=9999999999.
      GO TO 530
      529 PFDS(ICO,JYL,KFM)=0.0
      530 CONTINUE

470      C      COMPUTE FAMILIES WITH CHILDREN UNDER 14 YEARS DEMANDING SERVICES

      7531 DO 531 IDD=1,10
      DO 531 JYL=1,13
      DO 531 KFM=1,10
475      FCUFDS(ICO,JYL,KFM)=0
      XFMCUF(ICO,JYL,KFM)=FMCUF(ICO,JYL,KFM)
      531 FCUFDS(ICO,JYL,KFM)=XFMCUF(ICO,JYL,KFM)*PFDS(ICO,JYL,KFM)

      IF(TCLCCK.NE.1) GO TO 7551

480

      C      PHASE 4: FAMILY INCOME ELIGIBILITY FOR PUBLIC CHILD DAY CARE SERVICES

485      C      CONSTRUCT FAMILY INCOME ELIGIBILITY REFERENCE TABLE

      DO 549 KFM=1,10
      FAMELG(KFM,1)=ADJINC(KFM)
      DO 549 MYP=2,6
490      FAMELG(KFM,MYP)=0.0
      FAMELG(KFM,MYP)=MEDINC*ADJINC(KFM)*PCMOIN(MYP)
      549 CONTINUE

      C      CALCULATE THE FAMILIES WHO ARE INCOME ELIGIBLE FOR PUBLIC
495      C      CHILD DAY CARE SERVICES

      DO 550 JYL=1,13
      550 RAVINC(JYL)=AINT(AVEINC(JYL)/1000.)*1000.

500      7551 DO 551 IDD=1,10
      DO 551 JYL=1,13
      DO 551 KFM=1,10
      FR61YF(ICO,JYL,KFM)=0
      FE80YF(ICO,JYL,KFM)=0
505      F115YF(ICO,JYL,KFM)=0
      IF(RAVINC(JYL).LE.FAMELG(KFM,3)) FR61YF(ICO,JYL,KFM)=
      1FCUFDS(ICO,JYL,KFM)
      IF(RAVINC(JYL).GT.FAMELG(KFM,3).AND.RAVINC(JYL).LE.FAMELG(KFM,4))
      1FE80YF(ICO,JYL,KFM)=FCUFDS(ICO,JYL,KFM)
      IF(RAVINC(JYL).GT.FAMELG(KFM,4).AND.RAVINC(JYL).LE.FAMELG(KFM,6))
      1F115YF(ICO,JYL,KFM)=FCUFDS(ICO,JYL,KFM)
510      551 CONTINUE

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515      C      CALCULATE CHILDREN WHOSE FAMILY INCOME MEET ELIGIBILITY CRITERIA
      C      CALCULATE THE # CHILDREN WHO ARE DHR INCOME ELIGIBLE TO RECEIVE
      C      FREE PUBLIC CHILD DAY CARE SERVICES

      DO 553 IDD=1,10
      CF61D(IDD)=0
      DO 553 JYL=1,13
      CF61DY(IDD,JYL)=0
      DO 552 KFM=1,10
      CF61YF(ICO,JYL,KFM)=FR61YF(ICO,JYL,KFM)*CFF(KFM)
525      552 CF61DY(ICO,JYL)=CF61DY(ICO,JYL)+CF61YF(ICO,JYL,KFM)
      CF61D(ICO)=CF61D(ICO)+CF61DY(ICO,JYL)
      553 CONTINUE
      CF61D(3)=CF61D(3)*UUDDCF

530      C      CALCULATE THE # CHILDREN WHO ARE DHR INCOME ELIGIBLE TO RECEIVE
      C      PUBLIC CHILD DAY CARE SERVICES ON A FEE BASIS

      DO 555 IDD=1,10
      CF80D(IDD)=0
535      DO 555 JYL=1,13
      CF80DY(IDD,JYL)=0
      DO 554 KFM=1,10
      CF80YF(ICO,JYL,KFM)=FE80YF(ICO,JYL,KFM)*CFF(KFM)
      554 CF80DY(ICO,JYL)=CF80DY(ICO,JYL)+CF80YF(ICO,JYL,KFM)
540      555 CF80D(ICO)=CF80D(ICO)+CF80DY(ICO,JYL)
      CF80D(3)=CF80D(3)*UUDDCF

      C      CALCULATE THE # CHILDREN WHO ARE NON-DHR INCOME ELIGIBLE TO RECEIVE
      C      PUBLIC CHILD DAY CARE SERVICES ON A FEE BASIS

545      DO 557 IDD=1,10
      C115D(IDD)=0
      DO 557 JYL=1,13
      C115DY(IDD,JYL)=0
550      DO 556 KFM=1,10
      C115YF(ICO,JYL,KFM)=F115YF(ICO,JYL,KFM)*CFF(KFM)
      556 C115DY(ICO,JYL)=C115DY(ICO,JYL)+C115YF(ICO,JYL,KFM)
      557 C115D(ICO)=C115D(ICO)+C115DY(ICO,JYL)
      C115D(3)=C115D(3)*UUDDCF

555

      C      PHASE 5: SUPPLY, DEMAND AND SERVICE ANALYSIS OF PUBLIC CHILD DAY CARE
      C      BY DISTRICTS AND AGE GROUP, BY DISTRICTS, BY AGE GROUPS AND BY STATE TOTALS

560

      C      COMPUTE DEMAND, SERVED, NOT-SERVED CATEGORIES OF CHILDREN
      C      WHO ARE DHR AND NOT-DHR INCOME ELIGIBLE FOR PUBLIC CHILD
      C      DAY CARE ON A FREE AND A FEE BASIS

565

      DO 566 ICO=1,10
      IF(SUPSCH(ICO).GT.CF61D(ICO)) GO TO 558
      CSRV61(ICO)=SUPSCH(ICO)
      CNSV61(ICO)=CF61D(ICO)-CSRV61(ICO)
570      GO TO 559

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PROGRAM DAYCARE

74/74

OPT=1

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558 CSR61(I00)=CF610(I00)
559 SPAVFE(I00)=SUPSCH(I00)-CSR61(I00)
    IF(SPAVFE(I00).GT.CF800(I00)) GO TO 561
    CSR80(I00)=SPAVFE(I00)
575 CNSV80(I00)=CF800(I00)-CSR80(I00)
    GO TO 562
561 CSR80(I00)=CF800(I00)
562 SPAVNE(I00)=SUPSCH(I00)-CSR80(I00)-CSR61(I00)
    IF (SPAVNE(I00).GT.C1150(I00)) GO TO 564
580 CSRVNE(I00)=SPAVNE(I00)
    CNSVNE(I00)=C1150(I00)-CSRVNE(I00)
    GO TO 565
564 CSRVNE(I00)=C1150(I00)
565 EXSPACE(I00)=SUPSCH(I00)-(CSR61(I00)+CSR80(I00)+CSRVNE(I00))
585 566 CONTINUE

C    COMPUTE DEMAND AND SUPPLY

    DEMAND=0
590    SUPPLY=0
    DO 568 I00=1,10
    NECDS(I00)=0
    NCNSRVC(I00)=0
    NCNSRVC(I00)=0
595    NECDS(I00)=CF610(I00)+CF800(I00)+C1150(I00)
    NCNSRVC(I00)=CSR61(I00)+CSR80(I00)+CSRVNE(I00)
    NCNSRVC(I00)=CNSV61(I00)+CNSV80(I00)+CNSVNE(I00)
    NCHLD(I00)=SUPSCH(I00)-(CF610(I00)+CF800(I00)+C1150(I00))
    DEMAND=DEMAND+NECDS(I00)
600    SUPPLY=SUPPLY+SUPSCH(I00)
    IF (NCHLD(I00).GE.0) GO TO 567
    EXCDEM(I00)=-NCHLD(I00)
    EXCSUP(I00)=0
    GO TO 568
605    567 EXCSUP(I00)=NCHLD(I00)
    EXCDEM(I00)=0
    568 CONTINUE

    NC6180C=0
610    STCF610=0
    STCF800=0
    STC1150=0
    STTCHCM=0
    N61SV80=0
615    NCSV61=0
    NCSV80=0
    NCSVNE=0
    NTSTSRV=0
    NSVST61=0
620    NSVST80=0
    N61NS80=0
    NSVSTNE=0
    NSVSTCT=0
    STSPVFE=0
625    STSPVNE=0
    DO 569 I00=1,10
    N61C800(I00)=0

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PROGRAM DAYCARE 74/74 OPT=1

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        CSV6180(I00)=0
        NSC6180(I00)=0
630      N61C800(I00)=CF610(I00)+CF800(I00)
        CSV6180(I00)=CSRV61(I00)+CSRV80(I00)
        NSC6180(I00)=CNSV61(I00)+CNSV80(I00)
        NC61800=NC61800+N61C800(I00)
        STCF610=STCF610+CF610(I00)
635      STCF800=STCF800+CF800(I00)
        STC1150=STC1150+C1150(I00)
        STTCHDM=STTCHDM+NECOS(I00)

        C      COMPUTE CHILDREN SERVED
640      NCSV61=NCSV61+CSRV61(I00)
        NCSV80=NCSV80+CSRV80(I00)
        N61SV80=N61SV80+CSV6180(I00)
        NCSVNE=NCSVNE+CSRVNE(I00)
645      NTSTSRV=NTSTSRV+NCHSRVD(I00)

        C      COMPUTE CHILDREN NOT SERVED

        NSVST61=NSVST61+CNSV61(I00)
        NSVST80=NSVST80+CNSV80(I00)
650      N61NS80=N61NS80+NSC6180(I00)
        NSVSTNE=NSVSTNE+CNSVNE(I00)
        NSVSTGT=NSVSTGT+NCHNSRVD(I00)

        STSPVNE=STSPVNE+SPAVNE(I00)
        STSPVFE=STSPVFE+SPAVFE(I00)
569      CONTINUE

        C      COMPUTE EXCESS DEMAND AND EXCESS SUPPLY FOR THE FIVE ELIGIBILITY CATEGORIES
660      NSD61VF=SUPPLY-STCF610
        IF(NSD61VR.LT.0) GO TO 570
        STEXS61=NSD61VR
        STXD61=9999999999
665      GO TO 571
570      STEXD61=-NSD61VR
        STEXS61=9999999999
571      NSD80VR=STSPVFE-STCF800
        IF(NSD80VR.LT.0) GO TO 572
        STEXS80=NSD80VR
        STXD80=9999999999
670      GO TO 573
572      STEXD80=-NSD80VR
        STEXS80=9999999999
675      SD6180V=SUPPLY-NC61800
        IF(SD6180V.LT.0) GO TO 574
        SXS6180=SD6180V
        SXD6180=9999999999
        GO TO 575
680      574      SXD6180=-SD6180V
        SXS6180=9999999999
        575      NSDNEVR=STSPVNE-STC1150
        IF(NSDNEVR.LT.0) GO TO 576
        STEXSNE=NSDNEVR

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685      EXSUPPLY=STEXSNE
        EXDEMND=9999999999
        STEXDNE=9999999999
        GO TO 577
576      STEXDNE=-NSONEVR
690      EXDEMND=STEXDNE
        EXSUPPLY=9999999999
        STEXSNE=9999999999

C      COMPUTE CHILDREN SERVED,NOT-SERVED,DEMAND BY DISTRICTS AND AGE GROUP
695
577      DO 580 IDD=1,10
          DO 580 LAG=1,3
            NCHOMAD(IDD,LAG)=0
            NA6180D(IDD,LAG)=0
700      NCHSVAC(IDD,LAG)=0
            NCS6180(IDD,LAG)=0
            NCNSVAC(IDD,LAG)=0
            NNS6180(IDD,LAG)=0
            NACF61D(IDD,LAG)=CF61D(IDD)*PCRDYCR(LAG)
705      NACF80D(IDD,LAG)=CF80D(IDD)*PCRDYCR(LAG)
            NAC115D(IDD,LAG)=C115D(IDD)*PCRDYCR(LAG)
            NCSRV61(IDD,LAG)=CSRV61(IDD)*PCRDYCR(LAG)
            NCSRV80(IDD,LAG)=CSRV80(IDD)*PCRDYCR(LAG)
            NCSRVNE(IDD,LAG)=CSRVNE(IDD)*PCRDYCR(LAG)
710      NCNSV61(IDD,LAG)=CNSV61(IDD)*PCRDYCR(LAG)
            NCNSV80(IDD,LAG)=CNSV80(IDD)*PCRDYCR(LAG)
            NCNSVNE(IDD,LAG)=CNSVNE(IDD)*PCRDYCR(LAG)
            NA6180D(IDD,LAG)=NACF61D(IDD,LAG)+NACF80D(IDD,LAG)+NAC115D(IDD,LAG)
715      NCHOMAD(IDD,LAG)=NACF61D(IDD,LAG)+NACF80D(IDD,LAG)+NAC115D(IDD,LAG)
            NCS6180(IDD,LAG)=NCSRV61(IDD,LAG)+NCSRV80(IDD,LAG)
            NCHSVAD(IDD,LAG)=NCSRV61(IDD,LAG)+NCSRV80(IDD,LAG)+NCSRVNE(IDD,LAG)
            NNS6180(IDD,LAG)=NCNSV61(IDD,LAG)+NCNSV80(IDD,LAG)
720      NCNSVAC(IDD,LAG)=NCNSV61(IDD,LAG)+NCNSV80(IDD,LAG)+NCNSVNE(IDD,LAG)
580      CONTINUE

C      COMPUTE CHILDREN SERVED,NOT-SERVED,DEMAND BY AGE GROUP
725
          DO 582 LAG=1,3
            NCD61AG(LAG)=0
            NCD80AG(LAG)=0
            ND6180(LAG)=0
730      NC115AG(LAG)=0
            NCHDMAG(LAG)=0
            NCSV61A(LAG)=0
            NCSV80A(LAG)=0
            N61S80A(LAG)=0
735      NCSVNEA(LAG)=0
            NCHSVAG(LAG)=0
            NNSV61A(LAG)=0
            NNSV80A(LAG)=0
            NS6180A(LAG)=0
740      NNSVNEA(LAG)=0
            NCNSVAG(LAG)=0

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DO 581 IDD=1,10
NCD61AG(LAG)=NCD61AG(LAG)+NACF61D(IDD,LAG)
NCD80AG(LAG)=NCD80AG(LAG)+NACF80D(IDD,LAG)
745 NC115AG(LAG)=NC115AG(LAG)+NAC115D(IDD,LAG)
NCSV61A(LAG)=NCSV61A(LAG)+NCSRV61(IDD,LAG)
NCSV80A(LAG)=NCSV80A(LAG)+NCSRV80(IDD,LAG)
NCSVNEA(LAG)=NCSVNEA(LAG)+NCSRVNE(IDD,LAG)
NNSV61A(LAG)=NNSV61A(LAG)+NNSV61(IDD,LAG)
750 NNSV80A(LAG)=NNSV80A(LAG)+NNSV80(IDD,LAG)
NNSVNEA(LAG)=NNSVNEA(LAG)+NNSVNE(IDD,LAG)
581 CONTINUE
ND6180(LAG)=NCD61AG(LAG)+NCD80AG(LAG)
NCHDMAG(LAG)=NCD61AG(LAG)+NCD80AG(LAG)+NC115AG(LAG)
755 N61S80A(LAG)=NCSV61A(LAG)+NCSV80A(LAG)
NCHSVAG(LAG)=NCSV61A(LAG)+NCSV80A(LAG)+NCSVNEA(LAG)
NS6180A(LAG)=NNSV61A(LAG)+NNSV80A(LAG)
NCNSVAG(LAG)=NNSV61A(LAG)+NNSV80A(LAG)+NNSVNEA(LAG)
582 CONTINUE
760

C PHASE 6- FINANCIAL ANALYSIS OF PUBLIC CHILD DAY CARE SERVICES IN THE STATE
C BY DISTRICT AND AGE GROUP BY AGE GROUP BY DISTRICT BY STATE TOTALS

765 C COMPUTE EXPECTED CHILD CARE COSTS

DO 585 IDD=1,10
EXPCCC(IDD,1)=AVECOST(IDD)/(PCRDYCR(1)+PCRDYCR(2)/CCR12+
770 1PCRDYCR(3)/CCR13)
EXPCCC(IDD,2)=EXPCCC(IDD,1)/CCR12
EXPCCC(IDD,3)=EXPCCC(IDD,1)/CCR13
585 CONTINUE

C COMPUTE PUBLIC CHILD DAY CARE COSTS OF CHILDREN SERVED
775 C COSTS ARE COMPUTED BY DISTRICTS BY AGE GROUP AND STATE TOTALS
C GOVERNMENT AND FAMILY FINANCIAL PARTICIPATION(COSTS) ARE CALCULATED

C COMPUTE FEES RECEIVED FOR CHILD DAY CARE SERVICES FROM
780 C OHR AND NON-OHR INCOME ELIGIBLE CHILDREN

DO 586 IDD=1,10
DO 586 JYL=1,13
DO 586 KFM=1,10
785 TFEESCH(IDD,JYL,KFM)=FEESCH(IDD,JYL,KFM)
IF (TFEESCH(IDD,JYL,KFM).LE.MXFEC(IDD)) GO TO 586
TFEESCH(IDD,JYL,KFM)=0.0
586 CONTINUE

790 DO 588 IDD=1,10
FECHDM(IDD)=0.0
FEEC80(IDD)=0.0
FEECNE(IDD)=0.0
FENECD(IDD)=0.0
795 DO 588 JYL=1,13
FECHDY(IDD,JYL)=0.0
FENECDY(IDD,JYL)=0.0
DO 587 KFM=1,10

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      FECHDYF(IDD,JYL,KFM)=CF80YF(IDD,JYL,KFM)*TFEESCH(IDD,JYL,KFM)
800      FENECF(IDD,JYL,KFM)=C115YF(IDD,JYL,KFM)*TFEESCH(IDD,JYL,KFM)
      FECHDY(IDD,JYL)=FECHDY(IDD,JYL)+FECHDYF(IDD,JYL,KFM)
      FENECDY(IDD,JYL)=FENECDY(IDD,JYL)+FENECF(IDD,JYL,KFM)
587      CONTINUE
      FECHDM(IDD)=FECHDM(IDD)+FECHDY(IDD,JYL)
805      FENEC(IDD)=FENEC(IDD)+FENECDY(IDD,JYL)
588      CONTINUE

      DO 589 IDD=1,10
      XCSR80(IDD)=CSR80(IDD)
810      XCSRNE(IDD)=CSRNE(IDD)
      XCF800(IDD)=CF800(IDD)
      XC1150(IDD)=C1150(IDD)
      FEEC80(IDD)=FECHDM(IDD)*(XCSR80(IDD)/XCF800(IDD))
      FEECNE(IDD)=FENEC(IDD)*(XCSRNE(IDD)/XC1150(IDD))
815      589 CONTINUE

C      COMPUTE PUBLIC DAY CARE COSTS BY DISTRICTS AND AGE GROUPS, BY DISTRICTS

      DO 590 IDD=1,10
820      TFRCRCT(IDD)=0.0
      TFECRCT(IDD)=0.0
      TFRFECT(IDD)=0.0
      TFENECT(IDD)=0.0
      DO 590 LAG=1,3
825      TCRGST(IDD,LAG)=0.0
      FRFECST(IDD,LAG)=0.
      FRCRCST(IDD,LAG)=EXPCCC(IDD,LAG)*NCSR61(IDD,LAG)
      FECRCST(IDD,LAG)=EXPCCC(IDD,LAG)*NCSR80(IDD,LAG)
      FENECST(IDD,LAG)=EXPCCC(IDD,LAG)*NCSRNE(IDD,LAG)
830      FRFECST(IDD,LAG)=FRCRCST(IDD,LAG)+FECRCST(IDD,LAG)
      TCRGST(IDD,LAG)=FRCRCST(IDD,LAG)+FECRCST(IDD,LAG)+FENECST(IDD,LAG)
      TFRCRCT(IDD)=TFRCRCT(IDD)+FRCRCST(IDD,LAG)
      TFECRCT(IDD)=TFECRCT(IDD)+FECRCST(IDD,LAG)
      TFENECT(IDD)=TFENECT(IDD)+FENECST(IDD,LAG)
835      590 CONTINUE

C      COMPUTE PUBLIC CHILD DAY CARE COSTS BY AGE GROUPS AND STATE TOTALS

      STFRACT=0.0
840      STFEACT=0.0
      STFNACT=0.0
      TFRFEAG=0.
      STGTGST=0.0
      DO 594 LAG=1,3
845      TFRAGCT(LAG)=0.0
      TFEAGCT(LAG)=0.0
      TFNEACT(LAG)=0.0
      TCSTAGE(LAG)=0.0
      FRFEACT(LAG)=0.
850      DO 593 IDD=1,10
      TFRAGCT(LAG)=TFRAGCT(LAG)+FRCRCST(IDD,LAG)
      TFEAGCT(LAG)=TFEAGCT(LAG)+FECRCST(IDD,LAG)
      TFNEACT(LAG)=TFNEACT(LAG)+FENECST(IDD,LAG)
593      CONTINUE
855      STFRACT=STFRACT+TFRAGCT(LAG)

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      STFEACT=STFEACT+TFEAGCT(LAG)
      STFNACT=STFNACT+TFNEACT(LAG)
      FRFEACT(LAG)=TFRAGCT(LAG)+TFEAGCT(LAG)
      TCSTAGE(LAG)=TFRAGCT(LAG)+TFEAGCT(LAG)+TFNEACT(LAG)
860      594 CONTINUE

      TFRFEAC=STFRACT+STFEACT
      STGTCST=STFRACT+STFEACT+STFNACT

865      TFEEC80=0.0
      TFEECNE=0.0
      TSTFERC=0.0
      DO 591 IDO=1,10
      FEESV(IDO)=0.0
870      IF (FEEC80(IDO).GT.TFECRCT(IDO)) FEEC80(IDO)=TFECRCT(IDO)
      IF (FEECNE(IDO).GT.TFENECT(IDO)) FEECNE(IDO)=TFENECT(IDO)
      FEESV(IDO)=FEEC80(IDO)+FEECNE(IDO)
      TFEEC80=TFEEC80+FEESV(IDO)
      TFEECNE=TFEECNE+FEECNE(IDO)
875      TSTFERC=TSTFERC+FEESV(IDO)
      591 CONTINUE

C      COMPUTE PUBLIC CHILD DAY CARE COSTS BY DISTRICTS

880      FRCSTC=0.0
      FECSTC=0.0
      FENESTC=0.0
      TTRFEC=0.0
      TSTCST=0.0
885      TGFRFEC=0.0
      TGVTCST=0.0
      TPVNDHC=0.0
      TPRVCST=0.0
      TGVNDHC=0.0
890      DO 592 IDO=1,10
      FRCSTC=FRCSTC+TFRCRCT(IDO)
      FECSTC=FECSTC+TFECRCT(IDO)
      FENESTC=FENESTC+TFENECT(IDO)
      TFRFECT(IDO)=TFRCRCT(IDO)+TFECRCT(IDO)
895      TTTCRCST(IDO)=TFRCRCT(IDO)+TFECRCT(IDO)+TFENECT(IDO)
      TTRFEC=TTRFEC+TFRFECT(IDO)
      TSTCST=TSTCST+TTTCRCST(IDO)

C      COMPUTE GOVERNMENT AND PRIVATE COSTS

900      GVTDHRC(IDO)=TFRFECT(IDO)-FEEC80(IDO)
      GVNDRHC(IDO)=TFENECT(IDO)-FEECNE(IDO)
      GOVTCST(IDO)=TTTCRCST(IDO)-FEESV(IDO)
      PVNDHRC(IDO)=FEECNE(IDO)
905      PRVDHRC(IDO)=FEEC80(IDO)
      PRVCST(IDO)=FEESV(IDO)
      TGFRFEC=TGFRFEC+GVTDHRC(IDO)
      TGVNDHC=TGVNDHC+GVNDRHC(IDO)
      TGVTCST=TGVTCST+GOVTCST(IDO)
910      TPVNDHC=TPVNDHC+PVNDHRC(IDO)
      TPRVCST=TPRVCST+PRVCST(IDO)
      592 CONTINUE

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

915          IF(ISWITCH(1).NE.1) GO TO 8800
          IF(TCLOCK.NE.1) GO TO 7803

920      C      WRITE PHASE 1-INITIAL INPUT FAMILY MATRIX

          WRITE(6,21)
          WRITE(6,496)TCLOCK
925          WRITE(6,13)
          DO 799 IDD=1,10
          799  WRITE(6,14)IDD,(TFYD(IDD,JYL),JYL=1,13)

          8800 IF(ISWITCH(2).NE.1) GO TO 8803

930      C      PRINT RURAL FAMILY COMPOSITION

          WRITE(6,21)
          WRITE(6,496)TCLOCK
935          WRITE(6,15)
          WRITE(6,16)
          WRITE(6,18)((FCYMDR(JYL,KFM),KFM=1,10),JYL=1,13)

      C      PRINT URBAN FAMILY COMPOSITION

940          WRITE(6,22)
          WRITE(6,17)
          WRITE(6,16)
          WRITE(6,18)((FCYMDU(JYL,KFM),KFM=1,10),JYL=1,13)
945          WRITE(6,21)
          WRITE(6,496)TCLOCK
          WRITE(6,124)
          WRITE(6,125)
          WRITE(6,126)PFCUF
950          WRITE(6,22)
          WRITE(6,127)
          WRITE(6,125)
          WRITE(6,232)
          WRITE(6,234)CFF
955          WRITE(6,22)
          WRITE(6,128)(PCROYCR(LAG),LAG=1,3)

      C      WRITING TOTAL FAMILIES BY DISTRICTS;BY FAMILY INCOME AND SIZE

960          7803 WRITE(6,22)

          8803 IF(ISWITCH(3).NE.1) GO TO 8805

          WRITE(6,21)
          DO 803 IDD=1,10
          IF(IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 801
          GO TO 802
          801  WRITE(6,21)
          802  WRITE(6,496)TCLOCK

```


PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

970      WRITE(6,23)IDD
        WRITE(6,16)
803      WRITE(6,19)((TFDG(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

8805     IF(ISWITCH(4).NE.1) GO TO 8806
975      IF(TCLOCK.NE.1) GO TO 8806

C      WRITING # FAMILIES WITH CHILDREN UNDER 14 YEARS

980      WRITE(6,21)
        DO 806 IDD=1,10
        IF(IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 804
        GO TO 805
804      WRITE(6,21)
985      805      WRITE(6,496)TCLOCK
        WRITE(6,129)IDD
        WRITE(6,16)
806      WRITE(6,19)((FNCUF(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

990      8806     IF(ISWITCH(5).NE.1) GO TO 8841
        IF(TCLOCK.NE.1) GO TO 7841

995      C      WRITE PHASE 2-INCOME PARAMETERS

        WRITE(6,21)
1000     WRITE(6,496)TCLOCK
        WRITE(6,350)
        WRITE(6,16)
        WRITE(6,25)((FECSTR(JYL,KFM),KFM=1,10),JYL=1,13)
        WRITE(6,21)
1005     WRITE(6,496)TCLOCK
        WRITE(6,339)
        WRITE(6,340)(IDD,(EXPCCC(IDD,LAG),LAG=1,4),IDD=1,10)
        WRITE(6,22)
        WRITE(6,352)
1010     WRITE(6,338)PXFECDD
        WRITE(6,21)
        DO 820 IDD=1,10
        IF(IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 818
        GO TO 819
1015     818      WRITE(6,21)
        819      WRITE(6,496)TCLOCK
        WRITE(6,344)
        WRITE(6,20)IDD
        WRITE(6,16)
1020     820      WRITE(6,219)((FEESCH(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

        WRITE(6,21)
        WRITE(6,496)TCLOCK
        WRITE(6,140)
1025     WRITE(6,16)
        WRITE(6,219)((TAXLIA(KFM,JYL),KFM=1,10),JYL=1,13)

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

1030      WRITE (6,21)
          WRITE (6,496) TCLOCK
          WRITE (6,327)
          WRITE (6,22)
          WRITE (6,16)
          WRITE (6,219) ((FICA(I,J),J=1,10),I=1,13)

1035      WRITE (6,21)
          WRITE (6,496) TCLOCK
          WRITE (6,22)
          WRITE (6,329)
          WRITE (6,22)
          WRITE (6,16)
          WRITE (6,219) ((MDCARE(I,J),J=1,10),I=1,13)

1040      WRITE (6,21)
          WRITE (6,496) TCLOCK
          WRITE (6,22)
          WRITE (6,331)
          WRITE (6,16)
          WRITE (6,22)
          WRITE (6,219) ((FOSTMP(I,J),I=1,10),J=1,13)

1050      WRITE (6,21)
          WRITE (6,496) TCLOCK
          WRITE (6,22)
          WRITE (6,330)
          WRITE (6,16)
          WRITE (6,22)
          WRITE (6,219) ((PUBHSG(I,J),J=1,10),I=1,13)

1055      WRITE (6,21)
          WRITE (6,496) TCLOCK
          WRITE (6,22)
          WRITE (6,333)
          WRITE (6,16)
          WRITE (6,22)
          WRITE (6,219) ((AFDC(I,J),J=1,10),I=1,13)

1060      C      WRITE EXPECTED FEE FOR A FAMILY: BY DISTRICT; BY FAMILY INCOME AND
          C      SIZE.

1070      WRITE (6,21)
          DO 823 IDD=1,10
          IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 821
          GO TO 822

1075      821 WRITE (6,21)
          822 WRITE (6,496) TCLOCK
          WRITE (6,346)
          WRITE (6,20) IDD
          WRITE (6,16)

1080      823 WRITE (6,219) ((EXPFEF(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

          WRITE (6,21)
          DO 826 IDD=1,10
          IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 824

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

      GO TO 825
1085      824 WRITE (6,21)
          825 WRITE (6,496) TCLOCK
              WRITE (6,354)
              WRITE (6,20) IDD
              WRITE (6,16)
1090      826 WRITE (6,219) ((IRNY (IDD, JYL, KFM), KFM=1,10), JYL=1,13)

C      WRITE PHASE 3-DEMAND SCHEDULE VARIABLES

1095      WRITE (6,21)
          DO 835 IDD=1,10
          IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 833
          GO TO 834
1100      833 WRITE (6,21)
          834 WRITE (6,496) TCLOCK
              WRITE (6,349)
              WRITE (6,20) IDD
              WRITE (6,16)
1105      835 WRITE (6,18) ((FETORY (IDD, JYL, KFM), KFM=1,10), JYL=1,13)

          WRITE (6,21)
          DO 838 IDD=1,10
          IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 836
          GO TO 837
1110      836 WRITE (6,21)
          837 WRITE (6,496) TCLOCK
              WRITE (6,355)
              WRITE (6,20) IDD
              WRITE (6,16)
1115      838 WRITE (6,18) ((PFDS (IDD, JYL, KFM), KFM=1,10), JYL=1,13)

          8841 IF (ISWITCH(6).NE.1) GO TO 8861

1120      7841 IF (TCLOCK.NE.1) GO TO 7861

          WRITE (6,21)
          DO 841 IDD=1,10
          IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 839
          GO TO 840
1125      839 WRITE (6,21)
          840 WRITE (6,496) TCLOCK
              WRITE (6,356)
              WRITE (6,20) IDD
              WRITE (6,16)
1130      841 WRITE (6,19) ((FCUFDS (IDD, JYL, KFM), KFM=1,10), JYL=1,13)

          8861 IF (ISWITCH(7).NE.1) GO TO 8864

1135      7861 IF (TCLOCK.NE.1) GO TO 8890

C      WRITE PHASE 4-INCOME ELIGIBLE FAMILIES AND CHILDREN

1140      WRITE (6,21)

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

      WRITE (6,364) MEDINC
      WRITE (6,22)
      WRITE (6,365)
      WRITE (6,379) PCMDIN(3)
1145      WRITE (6,380) (PCMDIN(MYP),MYP=3,4)
      WRITE (6,381) PCMDIN(4),PCMDIN(6)
      WRITE (6,382) PCMDIN(6)
      WRITE (6,22)
      WRITE (6,335)
1150      WRITE (6,336) (PCMDIN(MYP),MYP=2,6)
      DO 861 KFM=1,10
861      WRITE (6,342) KFM,(FAMELG(KFM,MYP),MYP=1,6)

8864 IF (ISWITCH(8).NE.1) GO TO 8873

1155      WRITE (6,21)
      DO 864 IDD=1,10
      IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 862
      GO TO 863
1160      862 WRITE (6,21)
      863 WRITE (6,496) TCLOCK
      WRITE (6,367)
      WRITE (6,383)
      WRITE (6,20) IDD
1165      WRITE (6,16)
      864 WRITE (6,19) ((FR61YF(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

      WRITE (6,21)
1170      DO 867 IDD=1,10
      IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 865
      GO TO 866
      865 WRITE (6,21)
      866 WRITE (6,496) TCLOCK
1175      WRITE (6,368)
      WRITE (6,384)
      WRITE (6,20) IDD
      WRITE (6,16)
      867 WRITE (6,19) ((FE80YF(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

1180      WRITE (6,21)
      DO 870 IDD=1,10
      IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 868
      GO TO 869
1185      868 WRITE (6,21)
      869 WRITE (6,496) TCLOCK
      WRITE (6,369)
      WRITE (6,385)
      WRITE (6,20) IDD
1190      WRITE (6,16)
      870 WRITE (6,19) ((F115YF(IDD,JYL,KFM),KFM=1,10),JYL=1,13)

8873 IF (ISWITCH(9).NE.1) GO TO 8890

1195      WRITE (6,21)
      DO 873 IDD=1,10
      IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 871

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

      GO TO 872
1200  871  WRITE (6,21)
      872  WRITE (6,496) TCLOCK
        WRITE (6,370)
        WRITE (6,383)
        WRITE (6,20) IDD
        WRITE (6,16)
1205  873  WRITE (6,19) ((CF61YF (IDD, JYL, KFM), KFM=1, 10), JYL=1, 13)
        WRITE (6,21)
        WRITE (6,496) TCLOCK
        WRITE (6,383)
1210  874  WRITE (6,371)
        WRITE (6,230)
        WRITE (6,218)
        DO 1873 IDD=1, 10
1215  1873 WRITE (6,14) IDD, (CF61DY (IDD, JYL), JYL=1, 13)
        WRITE (6,21)
        DO 876 IDD=1, 10
        IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 874
        GO TO 875
1220  874  WRITE (6,21)
      875  WRITE (6,496) TCLOCK
        WRITE (6,373)
        WRITE (6,384)
        WRITE (6,20) IDD
1225  876  WRITE (6,19) ((CF80YF (IDD, JYL, KFM), KFM=1, 10), JYL=1, 13)
        WRITE (6,21)
        WRITE (6,374)
1230  877  WRITE (6,384)
        WRITE (6,230)
        WRITE (6,218)
        DO 1876 IDD=1, 10
1235  1876 WRITE (6,14) IDD, (CF80DY (IDD, JYL), JYL=1, 13)
        WRITE (6,21)
        DO 879 IDD=1, 10
        IF (IDD.EQ.3.OR.IDD.EQ.5.OR.IDD.EQ.7.OR.IDD.EQ.9) GO TO 877
        GO TO 878
1240  877  WRITE (6,21)
      878  WRITE (6,496) TCLOCK
        WRITE (6,376)
        WRITE (6,385)
        WRITE (6,20) IDD
1245  879  WRITE (6,19) ((C115YF (IDD, JYL, KFM), KFM=1, 10), JYL=1, 13)
        WRITE (6,21)
        WRITE (6,377)
1250  880  WRITE (6,385)
        WRITE (6,230)
        WRITE (6,218)
        DO 880 IDD=1, 10
      880  WRITE (6,14) IDD, (C115DY (IDD, JYL), JYL=1, 13)

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

1255      WRITE (6,21)
          WRITE (6,372)
          WRITE (6,383)
          WRITE (6,361)CF61D
1260
          WRITE (6,22)
          WRITE (6,375)
          WRITE (6,384)
          WRITE (6,361)CF80D
1265
          WRITE (6,22)
          WRITE (6,375)
          WRITE (6,385)
          WRITE (6,361)C115D
1270
      8890 IF (ISWITCH(10).NE.1) GO TO 8902

1275      C      WRITE PHASE 5-SUPPLY AND DEMAND ANALYSIS

          WRITE (6,21)
1280      WRITE (6,496)TCLOCK
          WRITE (6,434)
          WRITE (6,435)
          DO 890 IDD=1,10
          WRITE (6,436)IDD,SUPSCH (IDD),CF61D (IDD),SPAVFE (IDD),CNSV61 (IDD),
1285      1SPAVFE (IDD),CF80D (IDD),SPAVNE (IDD),CNSV80 (IDD),SUPSCH (IDD),
          2N61C80D (IDD),SPAVNE (IDD),NSC6180 (IDD)
      890      CONTINUE

          WRITE (6,437)SUPPLY,STCF61D,STEXS61,STEXD61,STSPVFE,STCF80D,
1290      1STEXS80,STEXD80,SUPPLY,NC6180D,SXS6180,SXD6180

          WRITE (6,438)
          DO 892 IDD=1,10
          WRITE (6,439)IDD,SPAVNE (IDD),C115D (IDD),EXSPACE (IDD),CNSVNE (IDD),
1295      1SUPSCH (IDD),NECOS (IDD),EXCSUP (IDD),EXCDEN (IDD)
      892      CONTINUE

          WRITE (6,440)STSPVNE,STC115D,STEXSNE,STEXONE,SUPPLY,DEMAND,
          1EXSUPPLY,EXDENND

1300      8902 IF (ISWITCH(11).NE.1) GO TO 8911

      C      WRITE PHASE 5-DEMAND AND SERVICE (USAGE) ANALYSIS

1305
          WRITE (6,21)
          WRITE (6,496)TCLOCK
          WRITE (6,445)
          WRITE (6,447)
1310      WRITE (6,448)
          DO 902 IDD=1,10

```

PROGRAM DAYCARE 74/74 OPT=1

FTN 4.6+452

```

1315      WRITE (6,449) IDD, ((NACF61D( IDD, LAG), NCSRV61( IDD, LAG), NCNSV61( IDD, LAG),
      NACF80D( IDD, LAG), NCSRV80( IDD, LAG), NCNSV80( IDD, LAG),
      2NAC6180D( IDD, LAG), NCS6180( IDD, LAG), NNS6180( IDD, LAG)), LAG=1,3)

      WRITE (6,456) CFSV61( IDD), CSFV61( IDD), CNSV61( IDD), CF800( IDD),
      2CSR80( IDD), CNSV80( IDD), N61C80D( IDD), CSV6180( IDD), NSC6180( IDD)
902      CONTINUE

1320      WRITE (6,469)
      WRITE (6,472) ((NC061AG( LAG), NCSV61A( LAG), NNSV61A( LAG), NCD80AG( LAG),
      1NCSV80A( LAG), NNSV80A( LAG), ND6180( LAG), N61S80A( LAG), NS6180A( LAG))
      2, LAG=1,3)

1325      WRITE (6,473) STCF610, NCSV61, NSVST61, STCF800, NCSV80, NSVST80,
      1NC6180D, N61SV80, N61NS80

      WRITE (6,21)
      WRITE (6,496) TCLOCK
1330      WRITE (6,441)
      WRITE (6,442)
      DO 903 IDD=1,10
      WRITE (6,443) IDD, ((NAC115D( IDD, LAG), NCSRVNE( IDD, LAG), NCNSVNE( IDD,
      1LAG), NCHDMAD( IDD, LAG), NCHSVAD( IDD, LAG), NCNSVAD( IDD, LAG)), LAG=1,3)

1335      WRITE (6,446) C115D( IDD), CSFVNE( IDD), CNSVNE( IDD), NECDS( IDD),
      1NCHSRVD( IDD), NCNSRVD( IDD)
903      CONTINUE

1340      WRITE (6,469)
      WRITE (6,474) ((NC115AG( LAG), NCSVNEA( LAG), NNSVNEA( LAG), NCHDMAG( LAG),
      1NCHSVAG( LAG), NCNSVAG( LAG)), LAG=1,3)

      WRITE (6,475) STC115D, NCSVNE, NSVSTNE, STTCHDM, NTSTSRV, NSVSTGT
1345      C      WRITE PHASE 6-FINANCIAL ANALYSIS

      8911 IF( ISWITCH(12).NE.1) GO TO 8918

1350      WRITE (6,21)
      WRITE (6,496) TCLOCK
      WRITE (6,450)
      WRITE (6,451)
      WRITE (6,452)
1355      WRITE (6,453)
      DO 912 IDD=1,10
      WRITE (6,454) IDD, ((EXPCCC( IDD, LAG), NCSRV61( IDD, LAG), FRCRCST( IDD, LAG
      1), NCSRV80( IDD, LAG), FECRCST( IDD, LAG), NCS6180( IDD, LAG), FRFECST( IDD, L
      2AG)), LAG=1,3)

1360      WRITE (6,455) CSR61( IDD), TFRCRCT( IDD), CSR80( IDD), TFECRCST( IDD),
      1CSV6180( IDD), TFRFECT( IDD)
912      CONTINUE

1365      WRITE (6,469)
      WRITE (6,470) ((NCSV61A( LAG), TFRAGCT( LAG), NCSV80A( LAG), TFEAGCT( LAG),
      1N61S80A( LAG), FRFEACT( LAG)), LAG=1,3)

```

PROGRAM DAYCARE

74/74 OPT=1

FTN 4,6+452

```

1370      WRITE (6,471) NCSV61,STFRACT,NCSV80,STFEACT,N61SV80,TFRFEAC
      WRITE (6,21)
      WRITE (6,496) TCLOCK
      WRITE (6,477)
      WRITE (6,478)
1375      WRITE (6,479)
      DO 913 IDD=1,10
      WRITE (6,480) IDD, ((EXPCCC (IDD,LAG),NCSVNE (IDD,LAG),FENECST (IDD,LAG
1),NCHCHAD (IDD,LAG),TCRCST (IDD,LAG)),LAG=1,3)

1380      WRITE (6,481) CSEVNE (IDD),TFENECT (IDD),NCHSRVD (IDD),TTCRCST (IDD)
913      CONTINUE

      WRITE (6,469)
      WRITE (6,482) ((NCSVNEA (LAG),TFNEACT (LAG),NCHSVAG (LAG),TCSTAGE (LAG))
1,LAG=1,3)

1385      WRITE (6,483) NCSVNE,STFNACT,NTSTSRV,STGTOST

8918 IF (ISWITCH (13).NE.1) GO TO 9990

1390      WRITE (6,21)
      WRITE (6,496) TCLOCK
      WRITE (6,460)
      WRITE (6,461)
1395      WRITE (6,462)
      WRITE (6,463)
      WRITE (6,464)
      DO 915 IDD=1,10
      WRITE (6,465) IDD,TFRCRCT (IDD),TFECRCT (IDD),
1400      1TFRFECT (IDD),FEEC80 (IDD),GVTOHRC (IDD),PRVOHRC (IDD)
915      CONTINUE

      WRITE (6,468) FRCSTC,FEESTC,TTFRFEC,TFEEC80,TGFRFEC,TFEEC80

1405      WRITE (6,22)
      WRITE (6,484)
      WRITE (6,485)
      WRITE (6,495)
      DO 920 IDD=1,10
      WRITE (6,486) IDD,TFENECT (IDD),TFENECT (IDD),FEECNE (IDD),
1410      1GVNDHRC (IDD),PVNDHRC (IDD)
920      CONTINUE

      WRITE (6,487) FENESTC,FENESTC,TFEECNE,TGVNDHC,TPVNDHC

1415      WRITE (6,488)
      WRITE (6,489)
      WRITE (6,490)
      DO 921 IDD=1,10
      WRITE (6,491) IDD,TTCRCST (IDD),FEECST (IDD),GOVTCST (IDD),PRVCST (IDD)
1420      CONTINUE
921      CONTINUE

      WRITE (6,492) TSTCST,TSTFERC,TGVTCST,TPRVCST

1425      9990 IF (TCLOCK.EQ.TIME) GO TO 990

```


PROGRAM DAYCARE

FTN 4.6+452

C PHASE 7-SIMULATION OF THE PUBLIC CHILD DAY CARE MODEL THROUGH TIME

1430

```

DO 7605 IDD=1,10
IF (EXCDEM(IDD).EQ.0) GO TO 7603
NCHGSUP(IDD)=CHGSUP(IDD)*EXCDEM(IDD)
GO TO 7604

```

1435

```

7603 NCHGSUP(IDD)=CHGSUP(IDD)*(-EXCSUP(IDD))
7604 SUPSCH(ICC)=SUPSCH(ICC)+NCHGSUP(IDD)
7605 CONTINUE

```

1440

```

DO 7610 IDD=1,10
DO 7610 JYL=1,13
DO 7610 KFM=1,10
IF (IDC.EQ.3) GO TO 7608
RTFDG(IDD,JYL,KFM)=RTFDG(IDD,JYL,KFM)*(CGRTFDG(JYL)+1.0)
GO TO 7610

```

1445

```

7608 RTFDG(IDD,JYL,KFM)=RTFDG(IDD,JYL,KFM)*(CGUTFDG(JYL)+1.0)
7610 CONTINUE

```

```

TCLOCK=TCLOCK+1

```

1450

```

GO TO 7505

```

```

990 STOP
991 END

```

APPENDIX B

USER DOCUMENTATION

The input data formats (with base run data) appear in Table B-1 through B-12. The last column is the data file line number. These data line numbers correspond to the input variables and read statements as shown in Figure B-1. A data field with a series of 9's means that the particular matrix cell value is not meaningful for that variable. A series of asterisks will appear in the printout of the variable.

The program provides the user the option to select combinations of 13 printouts of input and output data (Table B-13). The user can exercise these options through the input values of the vector ISWITCH. When an ISWITCH value is equal to zero, the program suppresses a given section of output as indicated in Table B-13. For complete printout, all ISWITCH values are set to one. In this mode, the program prints out all input and output data for the first time period. For all subsequent time periods, the variable TCLOCK allows printing of variables that change value with time. These variables are included in the following sections controlled by the ISWITCH numbers indicated:

<u>ISWITCH Number</u>	<u>Printout Sections</u>
3	Family Matrix
10	Supply and Demand Analysis
11	Demand and Service (Usage) Analysis
12	Financial Analysis
13	Summary of Financial Analysis

Computations and variables not affected by the passage of time

Program Line No.

Data File
Line No.

311	Read(5,12)((TFYD(IDD,JYL),JYL=1,13),IDD=1,10)	1-10
312	Read(5,24)((FCYMDR(JYL,KFM),KFM=1,10),JYL=1,13)	11-23
313	Read(5,24)((FCYMDU(JYL,KFM),KFM=1,10),JYL=1,13)	24-36
314	Read(5,121)PFCUF	37
315	Read(5,118)CFE	38
316	Read(5,222)DSUP,DSMP,DSLIP	39
317	Read(5,224)AVEINC	40-41
318	Read(5,224)((TAXLIA(KFM,JYL),JYL=1,13),KFM=1,10)	42-61
319	Read(5,226)((FICA(JYL,KFM),KFM=1,10),JYL=1,13)	62-74
320	Read(5,233)((FECSTR(JYL,KFM),KFM=1,10),JYL=1,13)	75-87
321	Read(5,226)AVECOST	88
322	Read(5,116)CCR13,CCR12	89
323	Read(5,226)((MDCARE(JYL,KFM),KFM=1,10),JYL=1,13)	90-102
324	Read(5,226)((PUBHSG(JYL,KFM),KFM=1,10),JYL=1,13)	103-115
325	Read(5,226)((AFDC(JYL,KFM),KFM=1,10),JYL=1,13)	116-128
326	Read(5,221)((FDSTMM(KFM,JYL),JYL=1,13),KFM=1,10)	129-138
327	Read(5,115)PCMDIN	139
328	Read(5,223)MEDINC	140
329	Read(5,24)ADJINC	141
330	Read(5,225)SUPSCH	142
331	Read(5,123)PCRDYCR	143
332	Read(5,220)CGRTFDG	144
333	Read(5,220)CGUTFDG	145
334	Read(5,121)CHGSUP	146
335	Read(5,120)ISWITCH	147
336	Read(5,117)UDDCF	148
337	Read(5,119)TIME	149

Figure B-1 . Input Variables Read Statements

TABLE B- 1. INPUT DATA FORMATS

INPUT VARIABLE: TFYD

LINE #

COLUMN NUMBERS

	1	6	12	18	24	30	36	42	48	54	60	66	72	78
1		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
1		2100	4200	4400	4400	5500	6700	6700	6900	6600	6100	10300	9100	6260
2		2860	5300	5070	5850	6780	8000	7960	7480	6950	5840	9520	7570	5670
3		8200	10500	11200	13900	16100	18500	19600	22600	24500	23100	47400	56800	72700
4		2170	4800	4970	4900	5600	6200	6300	6100	5400	5500	9200	8200	16400
5		4500	7700	7600	8100	7600	8050	7600	7700	7500	6200	11660	11430	10900
6		3520	4940	4850	5670	5350	5920	5330	5060	4920	4090	7040	6490	6180
7		3550	5460	5450	5520	5680	5970	5960	5880	4890	4200	7770	6940	6290
8		5660	8700	9300	9100	8700	9000	8350	7580	6950	5600	9940	8650	7500
9		5190	8700	9160	9900	9680	10080	9840	9520	8960	6770	12940	11700	10930
10		1600	2900	3200	3600	4000	3700	3900	3700	3850	3100	4800	4400	3620

TABLE B- 2. INPUT DATA FORMATS

INPUT VARIABLE: FCYMDR
LINE #

COLUMN NUMBERS

	1 ↓	5 ↓	10 ↓	15 ↓	20 ↓	25 ↓	30 ↓	35 ↓	40 ↓	45 ↓	50 ↓	55	60	65	70	75	80
11	0.00	.55	.16	.11	.06	.04	.04	.02	.01	.01							
12	0.00	.62	.14	.08	.05	.04	.03	.02	.01	.01							
13	0.00	.52	.18	.11	.08	.05	.02	.01	.01	.02							
14	0.00	.39	.20	.13	.10	.07	.05	.03	.01	.02							
15	0.00	.35	.22	.15	.10	.07	.06	.02	.01	.02							
16	0.00	.30	.23	.19	.12	.06	.05	.02	.01	.02							
17	0.00	.27	.23	.20	.13	.07	.04	.02	.02	.05							
18	0.00	.25	.24	.22	.13	.07	.05	.02	.01	.01							
19	0.00	.22	.24	.24	.15	.07	.04	.02	.01	.01							
20	0.00	.22	.24	.24	.15	.07	.04	.02	.01	.01							
21	0.00	.19	.24	.27	.15	.06	.04	.02	.01	.01							
22	0.00	.19	.24	.27	.15	.08	.04	.02	.01	.01							
23	0.00	.20	.22	.27	.16	.08	.04	.01	.01	.01							

TABLE B- 3. INPUT DATA FORMATS

INPUT VARIABLE: FCYMDU
LINE #

COLUMN NUMBERS

	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓						
24	0.00	.45	.20	.13	.08	.07	.04	.01	.01	.01							
25	0.00	.56	.18	.11	.06	.04	.03	.01	.01	.01							
26	0.00	.56	.19	.12	.05	.04	.01	.01	.01	.01							
27	0.00	.44	.21	.13	.09	.05	.04	.02	.01	.01							
28	0.00	.41	.22	.14	.09	.06	.04	.02	.01	.01							
29	0.00	.39	.22	.16	.10	.06	.04	.01	.01	.01							
30	0.00	.35	.22	.18	.10	.06	.05	.02	.01	.01							
31	0.00	.33	.23	.20	.11	.06	.04	.01	.01	.01							
32	0.00	.30	.24	.21	.12	.06	.04	.01	.01	.01							
33	0.00	.30	.24	.21	.12	.06	.04	.01	.01	.01							
34	0.00	.26	.24	.24	.14	.06	.03	.01	.01	.01							
35	0.00	.26	.24	.24	.14	.06	.03	.01	.01	.01							
36	0.00	.23	.23	.25	.16	.07	.03	.01	.01	.01							

TABLE B- 4. INPUT DATA FORMATS

INPUT VARIABLE: PFCUF

LINE #

COLUMN NUMBERS

	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
37	0.000	↓ .042	↓ .230	↓ .326	↓ .205	↓ .103	↓ .051	↓ .022	↓ .005	↓ .006							

CFF

38	0	1	1	2	3	4	5	6	7	8
----	---	---	---	---	---	---	---	---	---	---

DSUP,DSMP,DSL P

LINE #

COLUMN NUMBERS

	1	8	16	24	32	40	48	56	64	72	80
39	0.000	↓ .092	↓ .049	↓ .070	↓ .300	↓ 0.000	↓	↓	↓	↓	↓

AVEINC

40	500.	1500.	2500.	3500.	4500.	5500.	6500.	7500.	8500.	9500.
41	11000.	13500.	15000.							

TABLE B- 5. INPUT DATA FORMATS

INPUT VARIABLE: TAXLIA
LINE #

COLUMN NUMBERS

	1	8 ↓	16 ↓	24 ↓	32 ↓	40 ↓	48 ↓	56 ↓	64 ↓	72 ↓	80 ↓
42		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
43		0.	0.	0.							
44		0.	0.	0.	0.	124.	273.	432.	599.	786.	976.
45		1261.	1347.	2057.							
46		0.	0.	0.	0.	23.	161.	312.	471.	644.	834.
47		1119.	1214.	1892.							
48		0.	0.	0.	0.	0.	54.	198.	352.	514.	691.
49		976.	1071.	1727.							
50		0.	0.	0.	0.	0.	0.	93.	236.	392.	556.
51		834.	919.	1562.							
52		0.	0.	0.	0.	0.	0.	0.	124.	273.	432.
53		691.	967.	1408.							
54		0.	0.	0.	0.	0.	0.	0.	19.	161.	312.
55		556.	634.	1252.							
56		0.	0.	0.	0.	0.	0.	0.	0.	54.	198.
57		432.	505.	1109.							
58		0.	0.	0.	0.	0.	0.	0.	0.	0.	89.
59		312.	384.	967.							
60		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
61		198.	266.	824.							

TABLE B- 6. INPUT DATA FORMATS

INPUT VARIABLE: FICA
LINE #

COLUMN NUMBERS

	1	6	12	18	24	30	36	42	48	54	60	66	72	78
62		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
63	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
64	200.	200.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
65	300.	300.	300.	0.	0.	0.	0.	0.	0.	0.	0.			
66	400.	400.	400.	400.	0.	0.	0.	0.	0.	0.	0.			
67	500.	500.	500.	500.	500.	0.	0.	0.	0.	0.	0.			
68	600.	600.	600.	600.	600.	600.	0.	0.	0.	0.	0.			
69	700.	700.	700.	700.	700.	700.	700.	0.	0.	0.	0.			
70	800.	800.	800.	800.	800.	800.	800.	800.	0.	0.	0.			
71	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.	0.			
72	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.			
73	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.			
74	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.			

TABLE B- 7. INPUT DATA FORMATS

INPUT VARIABLE: FECSTR
LINE #

COLUMN NUMBERS

	1 ↓	8 ↓	16 ↓	24 ↓	32 ↓	40 ↓	48 ↓	56 ↓	64 ↓	72 ↓	80 ↓
75	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	99999.99		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81	99999.99		.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82	99999.99		.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83	99999.99		.80	.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84	99999.99	1.00		.90	.60	0.00	0.00	0.00	0.00	0.00	0.00
85	99999.9999999.99			1.00	.80	.60	0.00	0.00	0.00	0.00	0.00
86	99999.9999999.99			1.00	1.00	.80	.60	.50	.40	.30	.30
87	99999.9999999.9999999.9999999.99					.90	.80	.70	.60	.40	.40

TABLE B- 8. INPUT DATA FORMATS

INPUT VARIABLE: AVECOST

LINE #

COLUMN NUMBERS

	1	6	12	18	24	30	36	42	48	54	60	66	72	78
88		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
		783.	924.	1254.	448.	843.	663.	701.	457.	876.	994.			
CCR13, CCR12														
89		2.000	1.500											
MDGARE														
90		800.	800.	800.	800.	800.	800.	800.	800.	800.	800.			
91		700.	700.	700.	700.	700.	700.	700.	700.	700.	700.			
92		600.	600.	600.	600.	600.	600.	600.	600.	600.	600.			
93		500.	500.	500.	500.	500.	500.	500.	500.	500.	500.			
94		400.	400.	450.	500.	500.	500.	500.	500.	500.	500.			
95		400.	400.	400.	450.	450.	450.	450.	450.	450.	450.			
96		300.	300.	300.	400.	400.	400.	400.	400.	400.	400.			
97		200.	200.	200.	250.	250.	250.	300.	300.	300.	300.			
98		0.	0.	0.	100.	100.	100.	150.	150.	150.	150.			
99		0.	0.	0.	0.	0.	100.	150.	150.	150.	150.			
100		0.	0.	0.	0.	0.	0.	0.	100.	100.	100.			
101		0.	0.	0.	0.	0.	0.	0.	0.	100.	100.			
102		0.	0.	0.	0.	0.	0.	0.	0.	0.	100.			

TABLE B- 9. INPUT DATA FORMATS

INPUT VARIABLE: PUEHSG

LINE #

COLUMN NUMBERS

	1	6	12	18	24	30	36	42	48	54	60	66	72	78
		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
103	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.			
104	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.			
105	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.			
106	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.			
107	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.			
108	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.			
109	0.	0.	0.	0.	100.	100.	100.	100.	100.	100.	100.			
110	0.	0.	0.	0.	0.	0.	100.	100.	100.	100.	100.			
111	0.	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.			
112	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
113	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
114	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
115	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			

TABLE B-10. INPUT DATA FORMATS

INPUT VARIABLE: AFDC
LINE #

COLUMN NUMBERS

	1	6	12	18	24	30	36	42	48	54	60	66	72	78
116		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.				
117	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.				
118	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.				
119	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.				
120	600.	900.	1200.	1400.	1700.	1900.	2000.	2200.	2300.	2500.				
121	400.	600.	720.	800.	950.	1050.	1140.	1206.	1267.	1362.				
122	200.	300.	400.	500.	500.	500.	550.	550.	600.	600.				
123	200.	300.	400.	500.	500.	500.	550.	550.	600.	600.				
124	0.	200.	300.	400.	550.	550.	550.	550.	600.	600.				
125	0.	0.	200.	300.	400.	500.	500.	500.	600.	600.				
126	0.	0.	0.	200.	300.	400.	500.	500.	550.	600.				
127	0.	0.	0.	0.	200.	300.	400.	500.	500.	550.				
128	0.	0.	0.	0.	0.	200.	300.	400.	500.	550.				

TABLE B-11. INPUT DATA FORMATS

INPUT VARIABLE: FOSTM
LINE #

COLUMN NUMBERS

	1	6 ↓	12 ↓	18 ↓	24 ↓	30 ↓	36 ↓	42 ↓	48 ↓	54 ↓	60 ↓	66 ↓	72 ↓	78 ↓
129		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
130		75.	60.	34.	20.	0.	0.	0.	0.	0.	0.	0.	0.	0.
131		138.	96.	70.	50.	27.	18.	0.	0.	0.	0.	0.	0.	0.
132		154.	129.	103.	82.	58.	32.	24.	0.	0.	0.	0.	0.	0.
133		183.	158.	132.	111.	87.	60.	34.	28.	0.	0.	0.	0.	0.
134		213.	186.	161.	140.	116.	89.	62.	40.	32.	0.	0.	0.	0.
135		240.	213.	188.	167.	143.	116.	89.	67.	44.	36.	0.	0.	0.
136		268.	240.	215.	194.	170.	143.	116.	94.	71.	46.	40.	0.	0.
137		268.	240.	215.	194.	170.	143.	116.	94.	71.	46.	40.	0.	0.
138		268.	240.	215.	194.	170.	143.	116.	94.	71.	46.	40.	0.	0.
PCNDIN														
139		0.000	.350	.610	.800	1.000	1.150							

TABLE B-12. INPUT DATA FORMATS

INPUT VARIABLE: MEDINC
LINE #

COLUMN NUMBERS

	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
140		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓						
ADJINC		137	11.00														
141		.52	.68	.84	1.00	1.16	1.32	1.35	1.38	1.41	1.44						
SUPSCH																	
142	907	1091	8804	960	2205	1049	1562	1366	1994	1081							
PCROYCR																	
143	.15	.54	.31	1.00													
144	-.006	-.009	-.004	-.002	.008	.014	.026	.032	.036	.030	.027	.018	.019				
CGUTFDG																	
145	-.009	-.010	-.006	-.003	.011	.019	.025	.039	.048	.041	.021	.011	.009				
CHGSUP																	
146	.050	.050	.112	.090	.060	.040	.050	.080	.070	.040							
ISWITCH																	
147	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
UUDOCF																	
148	3.075																
TIME																	
149	5																

are not printed after the first time period.

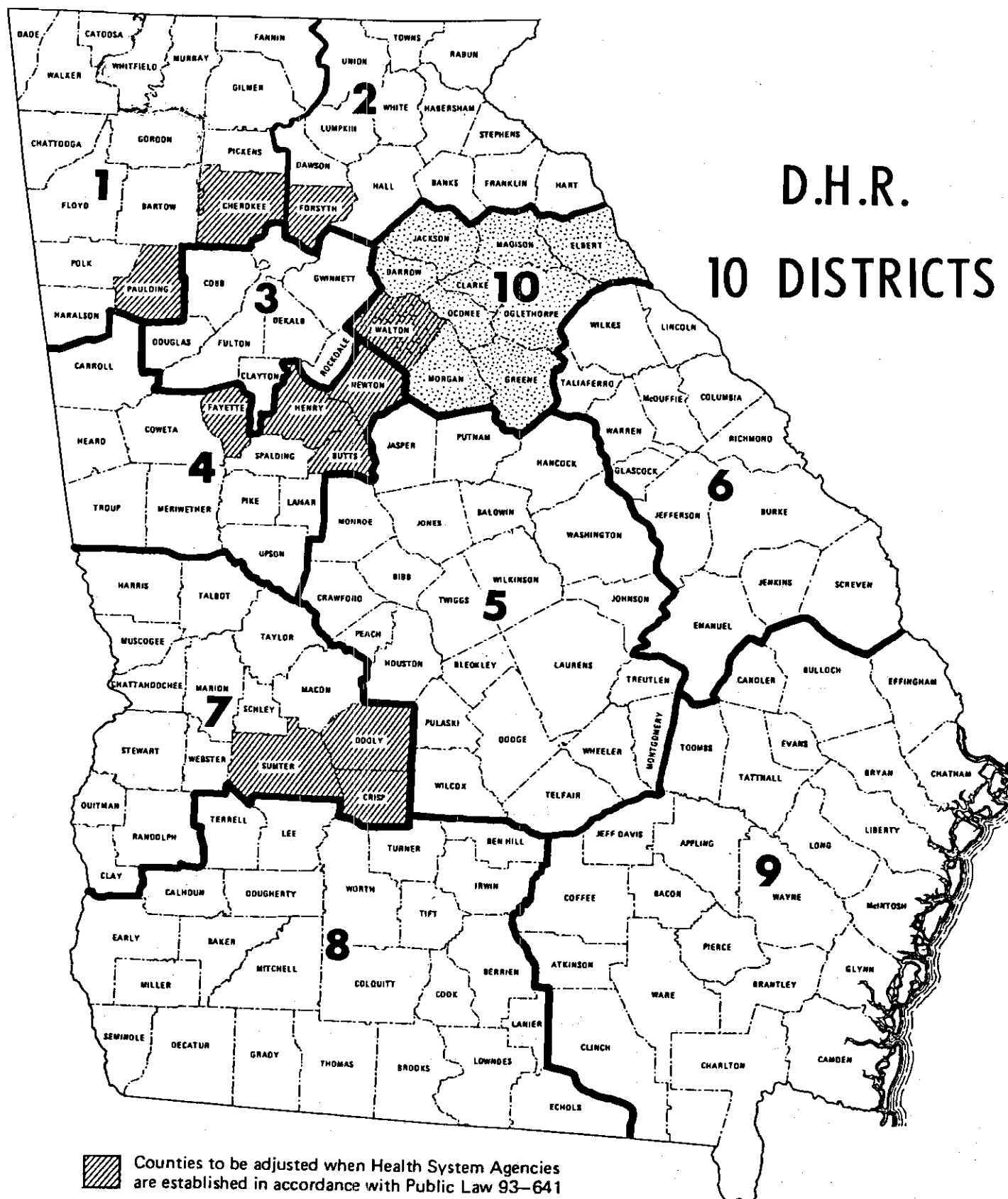
Table B-13. Printout Control


For ISWITCH Number	A Zero Value Suppresses the Printing of
1	Initial Family Matrix
2	Family, Children, Day Care Usage Distributions
3	Family Matrix
4	Families with Children under 14 Years
5	Income and Economic Parameters
6	Families Demanding Day Care Services
7	Family Eligibility Reference Table
8	Families Demanding Day Care by Income Eligibility Categories
9	Children Demanding Day Care by Income Eligibility Categories
10	Supply and Demand Analysis
11	Demand and Service (Usage) Analysis
12	Financial Analysis for Public Day Care
13	Summary of Financial Analysis

APPENDIX C

MAP OF DHR DISTRICTS

D.H.R.
10 DISTRICTS



 Counties to be adjusted when Health System Agencies are established in accordance with Public Law 93-641

 **Special Developmental District**

APPENDIX D

INITIAL DEMOGRAPHIC/ECONOMIC DATA:
BASE RUN - TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.1. TOTAL FAMILIES BY INCOME LEVELS AND BY DMR DISTRICTS

DMR DISTRICT	INCOME LEVELS												
	<\$1.0	\$1-1.9	\$2-2.9	\$3-3.9	\$4-4.9	\$5-5.9	\$6-6.9	\$7-7.9	\$8-8.9	\$9-9.9	\$10-11.9	\$12-14.9	\$15.0+
1	2100	4200	4400	4400	5500	6700	6700	6900	6600	6100	10300	9100	6260
2	2860	5300	5070	5850	6780	8000	7960	7480	6950	5840	9520	7570	5670
3	8200	10500	11200	13900	16100	18500	19600	22600	24500	23100	47400	56800	72700
4	2170	4800	4970	4900	5600	6200	6300	6100	5400	5500	9200	8200	16400
5	4500	7700	7600	8100	7600	8050	7600	7700	7500	6200	11660	11430	10900
6	3520	4940	4850	5670	5350	5920	5330	5060	4920	4090	7040	6490	6180
7	3550	5460	5450	5520	5680	5970	5960	5880	4890	4200	7770	6940	6290
8	5660	8700	9300	9100	8700	9000	8350	7580	6950	5600	9940	8650	7500
9	5190	8700	9160	9900	9680	10080	9840	9520	8960	6770	12940	11700	10930
10	1600	2900	3200	3600	4000	3700	3900	3700	3850	3100	4800	4400	3620

D.2. FAMILY COMPOSITION IN RURAL DISTRICTS
BY FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0.00	.55	.16	.11	.06	.04	.04	.02	.01	.01
\$1-1,999	0.00	.62	.14	.08	.05	.04	.03	.02	.01	.01
\$2-2,999	0.00	.52	.18	.11	.08	.05	.02	.01	.01	.02
\$3-3,999	0.00	.39	.20	.13	.10	.07	.05	.03	.01	.02
\$4-4,999	0.00	.35	.22	.15	.10	.07	.06	.02	.01	.02
\$5-5,999	0.00	.30	.23	.19	.12	.06	.05	.02	.01	.02
\$6-6,999	0.00	.27	.23	.20	.13	.07	.04	.02	.02	.05
\$7-7,999	0.00	.25	.24	.22	.13	.07	.05	.02	.01	.01
\$8-8,999	0.00	.22	.24	.24	.15	.07	.04	.02	.01	.01
\$9-9,999	0.00	.22	.24	.24	.15	.07	.04	.02	.01	.01
\$10-11,999	0.00	.19	.24	.27	.15	.08	.04	.02	.01	.01
\$12-14,999	0.00	.19	.24	.27	.15	.08	.04	.02	.01	.01
\$15,000+	0.00	.20	.22	.27	.16	.08	.04	.01	.01	.01

FAMILY COMPOSITION IN URBAN DISTRICTS
BY FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0.00	.45	.20	.13	.08	.07	.04	.01	.01	.01
\$1-1,999	0.00	.56	.18	.11	.06	.04	.03	.01	.01	.01
\$2-2,999	0.00	.56	.19	.12	.05	.04	.01	.01	.01	.01
\$3-3,999	0.00	.44	.21	.13	.09	.05	.04	.02	.01	.01
\$4-4,999	0.00	.41	.22	.14	.09	.06	.04	.02	.01	.01
\$5-5,999	0.00	.39	.22	.16	.10	.06	.04	.01	.01	.01
\$6-6,999	0.00	.35	.22	.18	.10	.06	.05	.02	.01	.01
\$7-7,999	0.00	.33	.23	.20	.11	.06	.04	.01	.01	.01
\$8-8,999	0.00	.30	.24	.21	.12	.06	.04	.01	.01	.01
\$9-9,999	0.00	.30	.24	.21	.12	.06	.04	.01	.01	.01
\$10-11,999	0.00	.26	.24	.24	.14	.06	.03	.01	.01	.01
\$12-14,999	0.00	.26	.24	.24	.14	.06	.03	.01	.01	.01
\$15,000+	0.00	.23	.23	.25	.16	.07	.03	.01	.01	.01

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.3. DISTRIBUTION OF FAMILIES WITH CHILDREN <14 YEARS OLD: BY FAMILY SIZE

FAMILY MEMBERS										
	1	2	3	4	5	6	7	8	9	10+
%	0.000	.042	.230	.326	.205	.103	.051	.022	.005	.006

CHILDREN-FAMILY-FACTOR

		FAMILY MEMBERS									
		1	2	3	4	5	6	7	8	9	10+
# CHILDREN		0	1	1	2	3	4	5	6	7	8

EXPECTED PUBLIC CHILD DAY CARE USAGE DISTRIBUTION -BY AGE

AGE		<3 YEARS OLD	4-6 YEARS OLD	7-14 YEARS OLD
EXPECTED VALUE		.15	.54	.31

SIMULATION CLOCK INDICATES TIME PERIOD: 1

OMR DISTRICT NO. 3

D.4. FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	3690	1640	1065	656	574	328	82	82	82
\$1-1,999	*****	5880	1890	1155	630	420	315	105	105	105
\$2-2,999	*****	6272	2128	1344	560	448	112	112	112	112
\$3-3,999	*****	6116	2919	1807	1251	695	556	278	139	139
\$4-4,999	*****	6601	3542	2254	1449	966	644	322	161	161
\$5-5,999	*****	7215	4070	2960	1850	1110	740	185	185	185
\$6-6,999	*****	6860	4312	3528	1960	1176	980	392	196	196
\$7-7,999	*****	7458	5198	4520	2486	1356	904	226	226	226
\$8-8,999	*****	7358	5880	5145	2940	1470	980	245	245	245
\$9-9,999	*****	6930	5544	4851	2772	1386	924	231	231	231
\$10-11,999	*****	12324	11376	11376	6636	2844	1422	474	474	474
\$12-14,999	*****	14768	13632	13632	7952	3408	1704	568	568	568
\$15,000+	*****	16721	16721	18175	11632	5089	2181	727	727	727

SIMULATION CLOCK INDICATES TIME PERIOD: 1

OMR DISTRICT NO. 4

FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	1193	347	238	130	86	86	43	21	21
\$1-1,999	*****	2976	672	384	240	192	144	96	48	48
\$2-2,999	*****	2584	894	546	397	248	99	49	49	99
\$3-3,999	*****	1911	980	637	490	343	245	147	49	98
\$4-4,999	*****	1960	1232	840	560	392	336	112	56	112
\$5-5,999	*****	1860	1426	1178	744	372	310	124	62	124
\$6-6,999	*****	1701	1449	1260	819	441	252	126	126	315
\$7-7,999	*****	1525	1464	1342	793	427	305	122	61	61
\$8-8,999	*****	1188	1296	1296	810	378	216	108	54	54
\$9-9,999	*****	1210	1320	1320	825	385	220	110	55	55
\$10-11,999	*****	1748	2208	2484	1380	736	368	184	92	92
\$12-14,999	*****	1558	1968	2214	1230	656	328	164	82	82
\$15,000+	*****	3280	3608	4428	2624	1312	656	164	164	164

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICT NO. 3

D.5. FAMILIES WITH CHILDREN UNDER 14 YEARS OLD

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	154	377	347	134	59	16	1	0	0
\$1-1,999	0	246	434	376	129	43	16	2	0	0
\$2-2,999	0	263	489	438	114	46	5	2	0	0
\$3-3,999	0	256	671	589	256	71	28	6	0	0
\$4-4,999	0	277	814	734	297	99	32	7	0	0
\$5-5,999	0	303	936	964	379	114	37	4	0	1
\$6-6,999	0	288	991	1150	401	121	49	8	0	1
\$7-7,999	0	313	1195	1473	509	139	46	4	1	1
\$8-8,999	0	308	1352	1677	602	151	49	5	1	1
\$9-9,999	0	291	1275	1581	568	142	47	5	1	1
\$10-11,999	0	517	2616	3708	1360	292	72	10	2	2
\$12-14,999	0	620	3135	4444	1630	351	86	12	2	3
\$15,000+	0	702	3845	5925	2384	524	111	15	3	4

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICT NO. 4

FAMILIES WITH CHILDREN UNDER 14 YEARS OLD

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	50	79	77	26	8	4	0	0	0
\$1-1,999	0	124	154	125	49	19	7	2	0	0
\$2-2,999	0	108	205	178	81	25	5	1	0	0
\$3-3,999	0	80	225	207	100	35	12	3	0	0
\$4-4,999	0	82	283	273	114	40	17	2	0	0
\$5-5,999	0	78	327	384	152	38	15	2	0	0
\$6-6,999	0	71	333	410	167	45	12	2	0	1
\$7-7,999	0	64	336	437	162	43	15	2	0	0
\$8-8,999	0	49	298	422	166	38	11	2	0	0
\$9-9,999	0	50	303	430	169	39	11	2	0	0
\$10-11,999	0	73	507	809	282	75	18	4	0	0
\$12-14,999	0	65	452	721	252	67	16	3	0	0
\$15,000+	0	137	829	1443	537	135	33	3	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.6. FEES BASED ON A PERCENT OF COST PER CHILD IN EACH DISTRICT

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	.80	.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	1.00	.90	.60	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	*****	1.00	.80	.60	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	*****	1.00	1.00	.80	.60	.50	.40	.30	.30
\$15,000+	*****	*****	*****	*****	.90	.80	.70	.60	.40	.40

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.7. EXPECTED CHILD CARE COSTS PER CHILD BY AGE GROUP

DMR DISTRICTS	AGE GROUP			
	INFANT	PRE-SCHOOL	SCHOOL AGE	AVE. COST/CHILD
1	1177.	785.	589.	783.
2	1389.	926.	695.	924.
3	1886.	1257.	943.	1254.
4	674.	449.	337.	448.
5	1268.	845.	634.	843.
6	997.	665.	498.	663.
7	1054.	703.	527.	701.
8	687.	458.	344.	457.
9	1317.	878.	659.	876.
10	1495.	996.	747.	994.

MAXIMUM FEE PER CHILD FOR DAY CARE BASED ON COST

DMR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	783.	924.	1254.	448.	843.	663.	701.	457.	876.	994.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.8. SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILD PER YEAR

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	502.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	752.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	1003.	878.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	1254.	1129.	752.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	1254.	1003.	752.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	1254.	1254.	1003.	752.	0.	0.	0.	0.
\$15,000+	*****	*****	*****	*****	1129.	1003.	878.	502.	752.	502.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILD PER YEAR

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	179.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	269.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	358.	314.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	448.	403.	269.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	448.	358.	269.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	448.	448.	358.	269.	0.	0.	0.	0.
\$15,000+	*****	*****	*****	*****	403.	358.	314.	179.	134.	134.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.9. INCOME TAX LIABILITY

ASSUME: MARRIED: FILING JOINTLY:
STANDARD DEDUCTION: 1976 TAX TABLES

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	0.	124.	23.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	0.	273.	161.	54.	0.	0.	0.	0.	0.	0.
\$6-6,999	0.	432.	312.	198.	93.	0.	0.	0.	0.	0.
\$7-7,999	0.	599.	471.	352.	236.	124.	19.	0.	0.	0.
\$8-8,999	0.	786.	644.	514.	392.	273.	161.	54.	0.	0.
\$9-9,999	0.	976.	834.	691.	556.	432.	312.	198.	89.	0.
\$10-11,999	0.	1261.	1119.	976.	834.	691.	556.	432.	312.	198.
\$12-14,999	0.	1347.	1214.	1071.	919.	967.	634.	505.	384.	266.
\$15,000+	0.	2057.	1892.	1727.	1562.	1408.	1252.	1109.	967.	824.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.10. FICA WITHHOLDING

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	200.	200.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	300.	300.	300.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	400.	400.	400.	400.	0.	0.	0.	0.	0.	0.
\$5-5,999	500.	500.	500.	500.	500.	0.	0.	0.	0.	0.
\$6-6,999	600.	600.	600.	600.	600.	600.	0.	0.	0.	0.
\$7-7,999	700.	700.	700.	700.	700.	700.	700.	0.	0.	0.
\$8-8,999	800.	800.	800.	800.	800.	800.	800.	800.	0.	0.
\$9-9,999	800.	800.	800.	800.	800.	800.	800.	800.	800.	0.
\$10-11,999	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.
\$12-14,999	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.
\$15,000+	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.11. MEDICARE BENEFITS

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.
\$1-1,999	700.	700.	700.	700.	700.	700.	700.	700.	700.	700.
\$2-2,999	600.	600.	600.	600.	600.	600.	600.	600.	600.	600.
\$3-3,999	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.
\$4-4,999	400.	400.	450.	500.	500.	500.	500.	500.	500.	500.
\$5-5,999	400.	400.	400.	450.	450.	450.	500.	500.	500.	500.
\$6-6,999	300.	300.	300.	400.	400.	400.	450.	450.	450.	450.
\$7-7,999	200.	200.	200.	250.	250.	250.	300.	300.	300.	300.
\$8-8,999	0.	0.	0.	100.	100.	100.	150.	150.	150.	150.
\$9-9,999	0.	0.	0.	0.	0.	100.	150.	150.	150.	150.
\$10-11,999	0.	0.	0.	0.	0.	0.	0.	100.	100.	100.
\$12-14,999	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.
\$15,000+	0.	0.	0.	0.	0.	0.	0.	0.	0.	100.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.12. FOOD STAMP BENEFITS

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0.	900.	1656.	1848.	2196.	2556.	2880.	3216.	3216.	3216.
\$1-1,999	0.	720.	1152.	1548.	1896.	2232.	2556.	2880.	2880.	2880.
\$2-2,999	0.	408.	840.	1236.	1584.	1932.	2256.	2580.	2580.	2580.
\$3-3,999	0.	240.	600.	984.	1332.	1680.	2004.	2328.	2328.	2328.
\$4-4,999	0.	0.	324.	696.	1044.	1392.	1716.	2040.	2040.	2040.
\$5-5,999	0.	0.	216.	384.	720.	1068.	1392.	1716.	1716.	1716.
\$6-6,999	0.	0.	0.	288.	408.	744.	1068.	1392.	1392.	1392.
\$7-7,999	0.	0.	0.	0.	336.	480.	804.	1128.	1128.	1128.
\$8-8,999	0.	0.	0.	0.	0.	384.	528.	852.	852.	852.
\$9-9,999	0.	0.	0.	0.	0.	0.	432.	552.	552.	552.
\$10-11,999	0.	0.	0.	0.	0.	0.	0.	480.	480.	480.
\$12-14,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$15,000+	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.13. PUBLIC HOUSING BENEFITS

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.	1500.
\$1-1,999	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.
\$2-2,999	800.	800.	800.	800.	800.	800.	800.	800.	800.	800.
\$3-3,999	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.
\$4-4,999	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.
\$5-5,999	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
\$6-6,999	0.	0.	0.	0.	100.	100.	100.	100.	100.	100.
\$7-7,999	0.	0.	0.	0.	0.	0.	100.	100.	100.	100.
\$8-8,999	0.	0.	0.	0.	0.	0.	0.	100.	100.	100.
\$9-9,999	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.
\$10-11,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$12-14,999	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$15,000+	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

AFDC
D.14. AID TO FAMILIES WITH DEPENDENT CHILDREN BENEFITS

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.
\$1-1,999	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.
\$2-2,999	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.
\$3-3,999	792.	1200.	1440.	1692.	1944.	2100.	2280.	2412.	2524.	2724.
\$4-4,999	600.	900.	1200.	1400.	1700.	1900.	2000.	2200.	2300.	2500.
\$5-5,999	400.	600.	720.	800.	950.	1050.	1140.	1206.	1267.	1362.
\$6-6,999	200.	300.	400.	500.	500.	500.	550.	550.	600.	600.
\$7-7,999	200.	300.	400.	500.	500.	500.	550.	550.	600.	600.
\$8-8,999	0.	200.	300.	400.	550.	550.	550.	550.	600.	600.
\$9-9,999	0.	0.	200.	300.	400.	500.	500.	500.	600.	600.
\$10-11,999	0.	0.	0.	200.	300.	400.	500.	500.	550.	600.
\$12-14,999	0.	0.	0.	0.	200.	300.	400.	500.	500.	550.
\$15,000+	0.	0.	0.	0.	0.	200.	300.	400.	500.	550.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.15. EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	502.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	752.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	1003.	878.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	1254.	1129.	1505.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	1254.	2006.	2257.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	1254.	2508.	3010.	3010.	3135.	3010.	2633.	3010.
\$15,000+	*****	*****	*****	*****	3386.	4013.	4389.	4514.	3511.	4013.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	179.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	269.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	358.	314.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	448.	403.	538.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	448.	717.	806.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	448.	896.	1075.	1075.	1120.	1075.	941.	1075.
\$15,000+	*****	*****	*****	*****	1210.	1434.	1568.	1613.	1254.	1434.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

D.16. REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DMR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5566.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	5949.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6111.	6478.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	6470.	6937.	6804.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	7827.	7418.	7409.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	10232.	9121.	8971.	9023.	9331.	9685.	10283.	10074.
\$15,000+	*****	*****	*****	*****	9252.	8979.	8859.	8977.	10222.	10013.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DMR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5889.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	6432.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6756.	7042.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	7276.	7663.	7771.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	8633.	8707.	8860.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	11038.	10733.	10906.	10958.	11346.	11620.	11975.	12009.
\$15,000+	*****	*****	*****	*****	11428.	11558.	11680.	11878.	12479.	12592.

APPENDIX E

DEMAND SCHEDULE AND OVERALL DEMAND:
BASE RUN - TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.1. FEE-TO-REAL NET INCOME RATIOS

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	.16	.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	.19	.16	.22	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	.16	.16	.27	.30	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	.12	.27	.34	.33	.34	.31	.26	.30	.30
\$15,000+	*****	.37	.45	.50	.50	.34	.48			

SIMULATION CLOCK INDICATES TIME PERIOD: 1

FEE-TO-REAL NET INCOME RATIOS

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	.05	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	.06	.05	.07	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	.05	.08	.09	0.00	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	.04	.08	.10	.10	.10	.09	.08	.09	.09
\$15,000+	*****	.11	.12	.13	.14	.10	.11			

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.2. PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.06	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.05	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.04	.05	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.03	.04	.02	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.04	.01	0.00	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.05	.01	0.00	0.00	0.00	0.00	.01	.00
\$15,000+	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIMULATION CLOCK INDICATES TIME PERIOD: 1

PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.08	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.07	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.07	.07	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.07	.07	.06	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.07	.06	.06	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.07	.06	.06	.06	.06	.06	.06	.06
\$15,000+	*****	0.00	0.00	0.00	.05	.05	.05	.05	.06	.05

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.3. FAMILIES WITH CHILDREN UNDER 14 YEARS DEMANDING SERVICE

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	14	34	31	12	5	1	0	0	0
\$1-1,999	0	22	39	34	11	3	1	0	0	0
\$2-2,999	0	24	44	40	10	4	0	0	0	0
\$3-3,999	0	23	61	54	23	6	2	0	0	0
\$4-4,999	0	25	74	67	27	9	2	0	0	0
\$5-5,999	0	27	86	88	34	10	3	0	0	0
\$6-6,999	0	16	91	105	36	11	4	0	0	0
\$7-7,999	0	15	109	135	46	12	4	0	0	0
\$8-8,999	0	11	62	154	55	13	4	0	0	0
\$9-9,999	0	8	48	34	52	13	4	0	0	0
\$10-11,999	0	0	101	30	0	26	6	0	0	0
\$12-14,999	0	0	155	31	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

FAMILIES WITH CHILDREN UNDER 14 YEARS DEMANDING SERVICE

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	4	7	7	2	0	0	0	0	0
\$1-1,999	0	11	14	11	4	1	0	0	0	0
\$2-2,999	0	9	18	16	7	2	0	0	0	0
\$3-3,999	0	7	20	19	9	3	1	0	0	0
\$4-4,999	0	7	26	25	10	3	1	0	0	0
\$5-5,999	0	7	30	35	13	3	1	0	0	0
\$6-6,999	0	5	30	37	15	4	1	0	0	0
\$7-7,999	0	4	30	40	14	3	1	0	0	0
\$8-8,999	0	3	21	38	15	3	1	0	0	0
\$9-9,999	0	3	20	27	15	3	1	0	0	0
\$10-11,999	0	0	35	49	16	6	1	0	0	0
\$12-14,999	0	0	33	43	14	3	0	0	0	0
\$15,000+	0	0	0	0	29	6	1	0	0	0

E.4. ELIGIBILITY CUT-OFF POINTS BASED ON MEDIAN INCOME

INCOME ELIGIBILITY FOR
FREE PUBLIC DAY CARE:

FAMILY INCOME < .61MEDIAN INCOME

INCOME ELIGIBILITY FOR
PUBLIC DAY CARE ON A

FEE BASIS: .61MED.INC. < FAMILY INCOME < .80MED.INC.

NOT INCOME ELIGIBLE FOR DHR
PUBLIC DAY CARE:

.80MED.INC. < FAMILY INCOME < 1.15

NOT INCOME ELIGIBLE FOR ANY
PUBLIC DAY CARE:

FAMILY INCOME > 1.15MEDIAN INCOME

FAMILY ELIGIBILITY FOR H.R.1 BENEFITS ANNUAL MEDIAN INCOME ADJUSTED FOR FAMILY SIZE

FAMILY MEMBERS	X ADJ.	.35MED.INC.	.61MED.INC.	.80MED.INC.	1.00MED.INC.	1.15MED.INC.
1	.52	2495.40	4349.13	5703.78	7129.72	8199.18
2	.68	3263.22	5687.32	7458.78	9323.48	10722.00
3	.84	4031.03	7025.52	9213.79	11517.24	13244.83
4	1.00	4798.85	8363.71	10968.80	13711.00	15767.65
5	1.16	5566.67	9701.90	12723.81	15904.76	18290.47
6	1.32	6334.48	11040.10	14478.82	18098.52	20813.30
7	1.35	6478.45	11291.01	14807.88	18509.85	21286.33
8	1.38	6622.41	11541.92	15136.94	18921.18	21759.36
9	1.41	6766.38	11792.83	15466.01	19332.51	22232.39
10	1.44	6910.34	12043.74	15795.07	19743.84	22705.42

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.5. OMR INCOME ELIGIBLE FAMILIES DEMANDING FREE PUBLIC DAY CARE

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

OMR DISTRICT NO. 3		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	14	34	31	12	5	1	0	0	0
\$1-1,999	0	22	39	34	11	3	1	0	0	0
\$2-2,999	0	24	44	40	10	4	0	0	0	0
\$3-3,999	0	23	61	54	23	6	2	0	0	0
\$4-4,999	0	25	74	67	27	9	2	0	0	0
\$5-5,999	0	27	85	88	34	10	3	0	0	0
\$6-6,999	0	0	91	105	36	11	4	0	0	0
\$7-7,999	0	0	109	135	46	12	4	0	0	0
\$8-8,999	0	0	0	154	55	13	4	0	0	0
\$9-9,999	0	0	0	0	52	13	4	0	0	0
\$10-11,999	0	0	0	0	0	26	6	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

OMR INCOME ELIGIBLE FAMILIES DEMANDING FREE PUBLIC DAY CARE

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

OMR DISTRICT NO. 4		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	4	7	7	2	0	0	0	0	0
\$1-1,999	0	11	14	11	4	1	0	0	0	0
\$2-2,999	0	9	18	16	7	2	0	0	0	0
\$3-3,999	0	7	20	19	9	3	1	0	0	0
\$4-4,999	0	7	26	25	10	3	1	0	0	0
\$5-5,999	0	7	30	35	13	3	1	0	0	0
\$6-6,999	0	0	30	37	15	4	1	0	0	0
\$7-7,999	0	0	30	40	14	3	1	0	0	0
\$8-8,999	0	0	0	38	15	3	1	0	0	0
\$9-9,999	0	0	0	0	15	3	1	0	0	0
\$10-11,999	0	0	0	0	0	6	1	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.6. DHR INCOME ELIGIBLE FAMILIES DEMANDING PUBLIC DAY CARE ON A FEE BASIS

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	16	0	0	0	0	0	0	0	0
\$7-7,999	0	15	0	0	0	0	0	0	0	0
\$8-8,999	0	0	62	0	0	0	0	0	0	0
\$9-9,999	0	0	48	34	0	0	0	0	0	0
\$10-11,999	0	0	0	0	0	0	0	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR INCOME ELIGIBLE FAMILIES DEMANDING PUBLIC DAY CARE ON A FEE BASIS

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	5	0	0	0	0	0	0	0	0
\$7-7,999	0	4	0	0	0	0	0	0	0	0
\$8-8,999	0	0	21	0	0	0	0	0	0	0
\$9-9,999	0	0	20	27	0	0	0	0	0	0
\$10-11,999	0	0	0	0	16	0	0	0	0	0
\$12-14,999	0	0	0	0	0	3	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.7. NON-DHR INCOME ELIGIBLE FAMILIES DEMANDING PUBLIC DAY CARE

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 3		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	0	0	0	0	0	0	0	0	0
\$7-7,999	0	0	0	0	0	0	0	0	0	0
\$8-8,999	0	11	0	0	0	0	0	0	0	0
\$9-9,999	0	8	0	0	0	0	0	0	0	0
\$10-11,999	0	0	101	30	0	0	0	0	0	0
\$12-14,999	0	0	155	31	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

NON-DHR INCOME ELIGIBLE FAMILIES DEMANDING PUBLIC DAY CARE

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 4		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	0	0	0	0	0	0	0	0	0
\$7-7,999	0	0	0	0	0	0	0	0	0	0
\$8-8,999	0	3	0	0	0	0	0	0	0	0
\$9-9,999	0	3	0	0	0	0	0	0	0	0
\$10-11,999	0	0	35	49	0	0	0	0	0	0
\$12-14,999	0	0	33	43	14	0	0	0	0	0
\$15,000+	0	0	0	0	29	6	1	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.8. DHR-INCOME ELIGIBLE CHILDREN DEMANDING FREE PUBLIC DAYCARE

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	14	34	62	36	20	5	0	0	0
\$1-1,999	0	22	39	68	33	12	5	0	0	0
\$2-2,999	0	24	44	80	30	16	0	0	0	0
\$3-3,999	0	23	61	108	69	24	10	0	0	0
\$4-4,999	0	25	74	134	81	36	10	0	0	0
\$5-5,999	0	27	86	176	102	40	15	0	0	0
\$6-6,999	0	0	91	210	108	44	20	0	0	0
\$7-7,999	0	0	109	270	138	48	20	0	0	0
\$8-8,999	0	0	0	308	165	52	20	0	0	0
\$9-9,999	0	0	0	0	156	52	20	0	0	0
\$10-11,999	0	0	0	0	0	104	30	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR-INCOME ELIGIBLE CHILDREN DEMANDING FREE PUBLIC DAYCARE

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	4	7	14	6	0	0	0	0	0
\$1-1,999	0	11	14	22	12	4	0	0	0	0
\$2-2,999	0	9	18	32	21	8	0	0	0	0
\$3-3,999	0	7	20	38	27	12	5	0	0	0
\$4-4,999	0	7	26	50	30	12	5	0	0	0
\$5-5,999	0	7	30	70	39	12	5	0	0	0
\$6-6,999	0	0	30	74	45	16	5	0	0	0
\$7-7,999	0	0	30	80	42	12	5	0	0	0
\$8-8,999	0	0	0	76	45	12	5	0	0	0
\$9-9,999	0	0	0	0	45	12	5	0	0	0
\$10-11,999	0	0	0	0	0	24	5	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

E.9. DHR INCOME ELIGIBLE CHILDREN DEMANDING FREE PUBLIC DAY CARE:
BY DISTRICT AND FAMILY INCOME

DHR DISTRICTS	FAMILY INCOME												
	<\$1.0	\$1-1.9	\$2-2.9	\$3-3.9	\$4-4.9	\$5-5.9	\$6-6.9	\$7-7.9	\$8-8.9	\$9-9.9	\$10-11.9	\$12-14.9	\$15.0+
1	29	55	78	95	127	177	181	193	169	68	33	0	0
2	46	67	90	123	157	212	214	210	176	65	33	0	0
3	171	179	194	295	360	446	473	585	545	228	134	0	0
4	31	63	88	109	130	163	170	169	138	62	29	0	0
5	71	110	138	178	181	213	201	218	190	72	42	0	0
6	53	63	86	122	126	156	138	144	121	41	25	0	0
7	53	78	96	120	130	156	157	164	121	41	25	0	0
8	97	126	168	202	207	245	225	211	176	62	33	0	0
9	80	126	167	219	231	270	264	275	228	78	46	0	0
10	21	36	54	72	91	95	99	101	92	32	12	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.10. DMR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DMR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	16	0	0	0	0	0	0	0	0
\$7-7,999	0	15	0	0	0	0	0	0	0	0
\$8-8,999	0	0	62	0	0	0	0	0	0	0
\$9-9,999	0	0	48	68	0	0	0	0	0	0
\$10-11,999	0	0	0	0	0	0	0	0	0	0
\$12-14,999	0	0	0	0	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DMR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DMR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	5	0	0	0	0	0	0	0	0
\$7-7,999	0	4	0	0	0	0	0	0	0	0
\$8-8,999	0	0	21	0	0	0	0	0	0	0
\$9-9,999	0	0	20	54	0	0	0	0	0	0
\$10-11,999	0	0	0	0	48	0	0	0	0	0
\$12-14,999	0	0	0	0	0	12	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

E.11. DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS
BY DISTRICT AND FAMILY INCOME

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DHR DISTRICTS

FAMILY INCOME

	<\$1.0	\$1-1.9	\$2-2.9	\$3-3.9	\$4-4.9	\$5-5.9	\$6-6.9	\$7-7.9	\$8-8.9	\$9-9.9	\$10-11.9	\$12-14.9	\$15.0+
1	0	0	0	0	0	0	5	4	22	63	33	8	0
2	0	0	0	0	0	0	5	4	21	52	21	4	0
3	0	0	0	0	0	0	16	15	62	116	0	0	0
4	0	0	0	0	0	0	5	4	21	74	48	12	0
5	0	0	0	0	0	0	5	4	24	60	33	8	0
6	0	0	0	0	0	0	4	3	17	47	27	8	0
7	0	0	0	0	0	0	4	3	17	47	27	8	0
8	0	0	0	0	0	0	7	5	27	77	51	12	0
9	0	0	0	0	0	0	7	5	28	63	33	8	0
10	0	0	0	0	0	0	2	2	11	24	6	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

E.12. NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 3

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	0	0	0	0	0	0	0	0	0
\$7-7,999	0	0	0	0	0	0	0	0	0	0
\$8-8,999	0	11	0	0	0	0	0	0	0	0
\$9-9,999	0	8	0	0	0	0	0	0	0	0
\$10-11,999	0	0	101	60	0	0	0	0	0	0
\$12-14,999	0	0	155	62	0	0	0	0	0	0
\$15,000+	0	0	0	0	0	0	0	0	0	0

SIMULATION CLOCK INDICATES TIME PERIOD: 1

NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICT NO. 4

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	0	0	0	0	0	0	0	0	0	0
\$1-1,999	0	0	0	0	0	0	0	0	0	0
\$2-2,999	0	0	0	0	0	0	0	0	0	0
\$3-3,999	0	0	0	0	0	0	0	0	0	0
\$4-4,999	0	0	0	0	0	0	0	0	0	0
\$5-5,999	0	0	0	0	0	0	0	0	0	0
\$6-6,999	0	0	0	0	0	0	0	0	0	0
\$7-7,999	0	0	0	0	0	0	0	0	0	0
\$8-8,999	0	3	0	0	0	0	0	0	0	0
\$9-9,999	0	3	0	0	0	0	0	0	0	0
\$10-11,999	0	0	35	98	0	0	0	0	0	0
\$12-14,999	0	0	33	86	42	0	0	0	0	0
\$15,000+	0	0	0	0	87	24	5	0	0	0

E.13. NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE
BY DISTRICT AND FAMILY INCOME

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICTS

FAMILY INCOME

	<\$1.0	\$1-1.9	\$2-2.9	\$3-3.9	\$4-4.9	\$5-5.9	\$6-6.9	\$7-7.9	\$8-8.9	\$9-9.9	\$10-11.9	\$12-14.9	\$15.0+
1	0	0	0	0	0	0	0	0	3	2	106	119	15
2	0	0	0	0	0	0	0	0	3	2	79	76	6
3	0	0	0	0	0	0	0	0	11	8	161	217	0
4	0	0	0	0	0	0	0	0	3	3	133	161	116
5	0	0	0	0	0	0	0	0	3	2	111	137	21
6	0	0	0	0	0	0	0	0	2	2	81	101	25
7	0	0	0	0	0	0	0	0	2	2	87	103	25
8	0	0	0	0	0	0	0	0	4	3	141	167	47
9	0	0	0	0	0	0	0	0	4	2	116	133	18
10	0	0	0	0	0	0	0	0	1	1	35	36	0

E.14. DHR INCOME ELIGIBLE CHILDREN DEMANDING FREE PUBLIC DAY CARE:
BY DISTRICT

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	1205	1393	11100	1152	1614	1075	1141	1752	1984	705

DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS:
BY DISTRICT

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	135	107	642	164	134	106	106	179	144	45

DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS:
BY DISTRICT

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	245	166	1220	416	274	211	219	362	273	73

APPENDIX F

SUPPLY AND DEMAND ANALYSIS FOR CHILDREN:
BASE RUN - TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

F. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	907	1205	0	298	0	135	0	135		907	1340	0	433	
2	1091	1393	0	302	0	107	0	107		1091	1500	0	409	
3	8804	11100	0	2296	0	642	0	642		8804	11742	0	2938	
4	960	1152	0	192	0	164	0	164		960	1316	0	356	
5	2205	1614	591	0	591	134	457	0		2205	1748	457	0	
6	1049	1075	0	26	0	106	0	106		1049	1181	0	132	
7	1562	1141	421	0	421	106	315	0		1562	1247	315	0	
8	1366	1752	0	386	0	179	0	179		1366	1931	0	565	
9	1994	1984	10	0	10	144	0	134		1994	2128	0	134	
10	1081	705	376	0	376	45	331	0		1081	750	331	0	
STATE TOTALS	21019	23121	*****	2102	1398	1762	*****	364		21019	24883	*****	3864	

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	245	0	245	907	1585	0	678	
2	0	166	0	166	1091	1666	0	575	
3	0	1220	0	1220	8804	12962	0	4158	
4	0	416	0	416	960	1732	0	772	
5	457	274	183	0	2205	2022	183	0	
6	0	211	0	211	1049	1392	0	343	
7	315	219	96	0	1562	1466	96	0	
8	0	362	0	362	1366	2293	0	927	
9	0	273	0	273	1994	2401	0	407	
10	331	73	258	0	1081	823	258	0	
STATE TOTALS	1103	3459	*****	2356	21019	28342	*****	2356	

APPENDIX G

DEMAND AND SERVICE ANALYSIS:
BASE RUN - TIME PERIOD 1

G. DEMAND AND SERVICE ANALYSIS
FOR CHILDREN: BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	180	136	44	20	0	20	200	136	64
PRE-SCHOOL	650	489	160	72	0	72	722	489	233
SCHOOL-AGE	373	281	92	41	0	41	414	281	133
DISTRICT TOTALS	1205	907	298	135	0	135	1340	907	433
2 INFANT	208	163	45	16	0	16	224	163	61
PRE-SCHOOL	752	589	163	57	0	57	809	589	220
SCHOOL-AGE	431	338	93	33	0	33	464	338	126
DISTRICT TOTALS	1393	1091	302	107	0	107	1500	1091	409
3 INFANT	1665	1320	344	96	0	96	1761	1320	440
PRE-SCHOOL	5993	4754	1239	346	0	346	6339	4754	1585
SCHOOL-AGE	3441	2729	711	199	0	199	3640	2729	910
DISTRICT TOTALS	11100	8804	2296	642	0	642	11742	8804	2938
4 INFANT	172	144	28	24	0	24	196	144	52
PRE-SCHOOL	622	518	103	88	0	88	710	518	191
SCHOOL-AGE	357	297	59	50	0	50	407	297	109
DISTRICT TOTALS	1152	960	192	164	0	164	1316	960	356
5 INFANT	242	242	0	20	20	0	262	262	0
PRE-SCHOOL	871	871	0	72	72	0	943	943	0
SCHOOL-AGE	500	500	0	41	41	0	541	541	0
DISTRICT TOTALS	1614	1614	0	134	134	0	1748	1748	0
6 INFANT	161	157	3	15	0	15	176	157	18
PRE-SCHOOL	580	566	14	57	0	57	637	566	71
SCHOOL-AGE	333	325	8	32	0	32	365	325	40
DISTRICT TOTALS	1075	1049	26	106	0	106	1181	1049	132
7 INFANT	171	171	0	15	15	0	186	186	0
PRE-SCHOOL	616	616	0	57	57	0	673	673	0
SCHOOL-AGE	353	353	0	32	32	0	385	385	0
DISTRICT TOTALS	1141	1141	0	106	106	0	1247	1247	0
8 INFANT	262	204	57	26	0	26	288	204	83
PRE-SCHOOL	946	737	208	96	0	96	1042	737	304
SCHOOL-AGE	543	423	119	55	0	55	598	423	174
DISTRICT TOTALS	1752	1366	386	179	0	179	1931	1366	565
9 INFANT	297	297	0	21	1	20	318	298	20
PRE-SCHOOL	1071	1071	0	77	5	72	1148	1076	72
SCHOOL-AGE	615	615	0	44	3	41	659	618	41
DISTRICT TOTALS	1984	1984	0	144	10	134	2128	1994	134
10 INFANT	105	105	0	6	6	0	111	111	0
PRE-SCHOOL	380	340	0	24	24	0	404	404	0
SCHOOL-AGE	218	218	0	13	13	0	231	231	0
DISTRICT TOTALS	705	705	0	45	45	0	750	750	0
STATE TOTALS									
INFANT	3463	2939	521	259	42	217	3722	2981	738
PRE-SCHOOL	12481	10591	1887	946	154	788	13427	10749	2675
SCHOOL-AGE	7164	6079	1082	540	89	451	7704	6168	1533
STATE GRAND TOTAL	23121	19621	3500	1762	295	1467	24883	19916	4967

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICTS	NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS/DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	36	0	36	236	136	100
PRE-SCHOOL	132	0	132	854	489	364
SCHOOL-AGE	75	0	75	489	281	208
DISTRICT TOTALS	245	0	245	1585	907	678
2 INFANT	24	0	24	248	163	85
PRE-SCHOOL	89	0	89	898	589	309
SCHOOL-AGE	51	0	51	515	338	177
DISTRICT TOTALS	166	0	166	1666	1091	575
3 INFANT	183	0	183	1944	1320	623
PRE-SCHOOL	658	0	658	6997	4754	2243
SCHOOL-AGE	378	0	378	4018	2729	1288
DISTRICT TOTALS	1220	0	1220	12962	8804	4158
4 INFANT	62	0	62	258	144	114
PRE-SCHOOL	224	0	224	934	518	415
SCHOOL-AGE	128	0	128	535	297	237
DISTRICT TOTALS	416	0	416	1732	960	772
5 INFANT	41	41	0	303	303	0
PRE-SCHOOL	147	147	0	1090	1090	0
SCHOOL-AGE	84	84	0	625	625	0
DISTRICT TOTALS	274	274	0	2022	2022	0
6 INFANT	31	0	31	207	157	49
PRE-SCHOOL	113	0	113	750	566	184
SCHOOL-AGE	65	0	65	438	325	105
DISTRICT TOTALS	211	0	211	1392	1049	343
7 INFANT	32	32	0	218	218	0
PRE-SCHOOL	118	118	0	791	791	0
SCHOOL-AGE	67	67	0	452	452	0
DISTRICT TOTALS	219	219	0	1466	1466	0
8 INFANT	54	0	54	342	204	137
PRE-SCHOOL	195	0	195	1237	737	499
SCHOOL-AGE	112	0	112	710	423	286
DISTRICT TOTALS	362	0	362	2293	1366	927
9 INFANT	40	0	40	358	298	60
PRE-SCHOOL	147	0	147	1295	1076	219
SCHOOL-AGE	84	0	84	743	618	125
DISTRICT TOTALS	273	0	273	2401	1994	407
10 INFANT	10	10	0	121	121	0
PRE-SCHOOL	39	39	0	443	443	0
SCHOOL-AGE	22	22	0	253	253	0
DISTRICT TOTALS	73	73	0	823	823	0
STATE TOTALS						
INFANT	513	83	430	4235	3064	1168
PRE-SCHOOL	1862	304	1558	15289	11053	4233
SCHOOL-AGE	1066	173	893	8770	6341	2426
STATE GRAND TOTAL	3459	566	2893	28342	20482	7860

APPENDIX H

FINANCIAL ANALYSIS FOR PUBLIC CHILD DAY CARE:
BASE RUN - TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

H. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A FREE BASIS DAY CARE	FREE BASIS CARE COST	DHR INCOME ELIGIBLE SERVED ON A FEE BASIS DAY CARE	FEE BASIS CARE COST	TOTALS DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS DAY CARE	TOTALS CARE COST
1 INFANT	1177.	136	160132.	0	0.	136	160132.
PRE-SCHOOL	785.	489	383847.	0	0.	489	383847.
SCHOOL-AGE	589.	281	165431.	0	0.	281	165431.
DISTRICT TOTALS		907	709410.	0	0.	907	709410.
2 INFANT	1329.	163	226484.	0	0.	163	226484.
PRE-SCHOOL	926.	589	545600.	0	0.	589	545600.
SCHOOL-AGE	695.	338	234821.	0	0.	338	234821.
DISTRICT TOTALS		1091	1006905.	0	0.	1091	1006905.
3 INFANT	1886.	1320	2489143.	0	0.	1320	2489143.
PRE-SCHOOL	1257.	4754	5976457.	0	0.	4754	5976457.
SCHOOL-AGE	943.	2729	2573057.	0	0.	2729	2573057.
DISTRICT TOTALS		8804	11038657.	0	0.	8804	11038657.
4 INFANT	674.	144	97011.	0	0.	144	97011.
PRE-SCHOOL	449.	518	232646.	0	0.	518	232646.
SCHOOL-AGE	337.	297	100042.	0	0.	297	100042.
DISTRICT TOTALS		960	429698.	0	0.	960	429698.
5 INFANT	1268.	242	306776.	20	25353.	262	332129.
PRE-SCHOOL	845.	871	736093.	72	60848.	943	796941.
SCHOOL-AGE	634.	500	316917.	41	25987.	541	342905.
DISTRICT TOTALS		1614	1359786.	134	112189.	1748	1471975.
6 INFANT	997.	157	156528.	0	0.	157	156528.
PRE-SCHOOL	665.	566	376198.	0	0.	566	376198.
SCHOOL-AGE	498.	325	162011.	0	0.	325	162011.
DISTRICT TOTALS		1049	694738.	0	0.	1049	694738.
7 INFANT	1054.	171	180257.	15	15812.	186	196069.
PRE-SCHOOL	703.	616	432898.	57	40057.	673	472955.
SCHOOL-AGE	527.	353	186055.	32	16866.	385	202921.
DISTRICT TOTALS		1141	799210.	106	72735.	1247	871946.
8 INFANT	687.	204	140192.	0	0.	204	140192.
PRE-SCHOOL	458.	737	337653.	0	0.	737	337653.
SCHOOL-AGE	344.	423	145347.	0	0.	423	145347.
DISTRICT TOTALS		1366	623192.	0	0.	1366	623192.
9 INFANT	1317.	297	391236.	1	1317.	298	392553.
PRE-SCHOOL	878.	1071	940547.	5	4391.	1076	944938.
SCHOOL-AGE	659.	615	405068.	3	1976.	618	407044.
DISTRICT TOTALS		1984	1736851.	10	7684.	1994	1744535.
10 INFANT	1495.	105	156947.	6	8968.	111	165916.
PRE-SCHOOL	986.	380	378667.	24	23916.	404	402582.
SCHOOL-AGE	747.	218	162926.	13	9716.	231	172642.
DISTRICT TOTALS		705	698540.	45	42600.	750	741140.
STATE TOTALS							
INFANT		2939	4304707.	42	51451.	2981	4356158.
PRE-SCHOOL		10591	10340607.	158	129212.	10749	10469819.
SCHOOL-AGE		6079	4451675.	89	54545.	6168	4506220.
STATE GRAND TOTAL		19621	19096988.	295	235208.	19916	19332197.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DMR DISTRICT	COST/CHILD	NON-DMR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS:DMR/NON-DMR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	0	0.	236	160132.
PRE-SCHOOL	785.	0	0.	854	383847.
SCHOOL-AGE	589.	0	0.	489	165431.
DISTRICT TOTALS		0	0.	907	709410.
2 INFANT	1389.	0	0.	248	226464.
PRE-SCHOOL	926.	0	0.	898	545600.
SCHOOL-AGE	695.	0	0.	515	234821.
DISTRICT TOTALS		0	0.	1091	1006905.
3 INFANT	1886.	0	0.	1944	2489143.
PRE-SCHOOL	1257.	0	0.	6997	5976457.
SCHOOL-AGE	943.	0	0.	4018	2573057.
DISTRICT TOTALS		0	0.	8804	11038657.
4 INFANT	674.	0	0.	258	97011.
PRE-SCHOOL	449.	0	0.	934	232646.
SCHOOL-AGE	337.	0	0.	535	100042.
DISTRICT TOTALS		0	0.	960	429696.
5 INFANT	1268.	41	51974.	303	384104.
PRE-SCHOOL	845.	147	124232.	1090	921173.
SCHOOL-AGE	634.	84	53242.	625	396147.
DISTRICT TOTALS		274	229448.	2022	1701423.
6 INFANT	997.	0	0.	207	156528.
PRE-SCHOOL	665.	0	0.	750	376198.
SCHOOL-AGE	498.	0	0.	430	162011.
DISTRICT TOTALS		0	0.	1049	694738.
7 INFANT	1054.	32	33732.	218	229802.
PRE-SCHOOL	703.	118	82925.	791	555881.
SCHOOL-AGE	527.	67	35314.	452	238235.
DISTRICT TOTALS		219	151971.	1466	1023917.
8 INFANT	687.	0	0.	342	140192.
PRE-SCHOOL	458.	0	0.	1237	337653.
SCHOOL-AGE	344.	0	0.	710	145347.
DISTRICT TOTALS		0	0.	1366	623192.
9 INFANT	1317.	0	0.	358	392553.
PRE-SCHOOL	878.	0	0.	1295	944938.
SCHOOL-AGE	659.	0	0.	743	407044.
DISTRICT TOTALS		0	0.	1994	1744535.
10 INFANT	1495.	10	14947.	121	180863.
PRE-SCHOOL	996.	39	38863.	443	441446.
SCHOOL-AGE	747.	22	16442.	253	189084.
DISTRICT TOTALS		73	70253.	823	811393.
STATE TOTALS					
INFANT		83	100654.	3064	4456812.
PRE-SCHOOL		304	246020.	11053	10715839.
SCHOOL-AGE		173	104998.	6341	4611218.
STATE GRAND TOTAL		566	451672.	20482	19783869.

APPENDIX I

SUMMARY OF FINANCIAL ANALYSIS FOR PUBLIC CHILD DAY CARE:
BASE RUN - TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

I. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DMR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DMR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	709410.	0.	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.	429698.	0.
5	1359786.	112189.	1471975.	73510.	1398466.	73510.
6	694738.	0.	694738.	0.	694738.	0.
7	799210.	72735.	871946.	47948.	823997.	47948.
8	623192.	0.	623192.	0.	623192.	0.
9	1736851.	7684.	1744535.	5688.	1738847.	5688.
10	698540.	42600.	741140.	29919.	711221.	29919.
STATE TOTALS	19096988.	235208.	19332197.	157065.	19175131.	157065.

NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	229448.	229448.	211340.	18108.	211340.
6	0.	0.	0.	0.	0.
7	151971.	151971.	139149.	12823.	139149.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	70253.	70253.	67393.	2859.	67393.
STATE TOTALS	451672.	451672.	417882.	33790.	417882.

TOTALS*DMR/NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.
5	1701423.	284850.	1416574.	284850.
6	694738.	0.	694738.	0.
7	1023917.	187097.	836820.	187097.
8	623192.	0.	623192.	0.
9	1744535.	5688.	1738847.	5688.
10	811393.	97313.	714080.	97313.
STATE TOTALS	19783869.	574947.	19208922.	574947.

APPENDIX J

BASE RUN RESULTS - TIME PERIOD 5

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICT NO. 3

J.7. FAMILIES IN GEORGIA
BY DISTRICT, FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	3558	1531	1028	632	553	316	79	79	79
\$1-1,999	*****	5648	1815	1109	605	403	302	100	100	100
\$2-2,999	*****	6122	2077	1312	546	437	109	109	109	109
\$3-3,999	*****	6042	2884	1785	1236	686	549	274	137	137
\$4-4,999	*****	6896	3700	2354	1513	1009	672	336	168	168
\$5-5,999	*****	7779	4388	3191	1994	1196	797	199	199	199
\$6-6,999	*****	7572	4759	3894	2163	1298	1081	432	216	216
\$7-7,999	*****	8691	6057	5267	2897	1580	1053	263	263	263
\$8-8,999	*****	8866	7092	6206	3546	1773	1162	295	295	295
\$9-9,999	*****	8138	6510	5696	3255	1627	1085	271	271	271
\$10-11,999	*****	13392	12362	12362	7211	3090	1545	515	515	515
\$12-14,999	*****	15428	14241	14241	8307	3560	1780	593	593	593
\$15,000+	*****	17331	17331	18838	12056	5274	2260	753	753	753

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICT NO. 4

FAMILIES IN GEORGIA
BY DISTRICT, FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	1165	338	233	127	84	84	42	21	21
\$1-1,999	*****	2870	648	370	231	185	138	92	46	46
\$2-2,999	*****	2543	880	538	391	244	97	48	48	97
\$3-3,999	*****	1895	972	631	486	340	243	145	48	97
\$4-4,999	*****	2023	1271	867	578	404	346	115	57	115
\$5-5,999	*****	1966	1507	1245	786	393	327	131	65	131
\$6-6,999	*****	1884	1605	1396	907	488	279	139	139	349
\$7-7,999	*****	1729	1660	1522	899	484	346	138	69	69
\$8-8,999	*****	1368	1492	1492	933	435	248	124	62	62
\$9-9,999	*****	1361	1485	1485	928	433	247	123	61	61
\$10-11,999	*****	1944	2456	2763	1535	818	409	204	102	102
\$12-14,999	*****	1673	2113	2377	1321	704	352	176	88	88
\$15,000+	*****	3536	3890	4774	2829	1414	707	176	176	176

SIMULATION CLOCK INDICATES TIME PERIOD: 5

J.2. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	1040	1301	0	261	0	150	0	150		1040	1451	0	411	
2	1205	1499	0	294	0	122	0	122		1205	1621	0	416	
3	10572	12207	0	1635	0	756	0	756		10572	12963	0	2391	
4	1216	1233	0	17	0	190	0	190		1216	1423	0	207	
5	2180	1715	465	0	465	152	313	0		2180	1867	313	0	
6	1105	1149	0	44	0	118	0	118		1105	1267	0	162	
7	1554	1227	327	0	327	122	205	0		1554	1349	205	0	
8	1646	1866	0	220	0	203	0	203		1646	2069	0	423	
9	2112	2112	0	0	0	163	0	163		2112	2275	0	163	
10	1048	748	300	0	300	56	244	0		1048	804	244	0	
STATE TOTALS	23678	25057*****		1379	1092	2032*****		940		23678	27089*****		3411	

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	271	0	271	1040	1722	0	682	
2	0	187	0	187	1205	1808	0	603	
3	0	1309	0	1309	10572	14272	0	3700	
4	0	451	0	451	1216	1874	0	658	
5	313	307	6	0	2180	2174	6	0	
6	0	232	0	232	1105	1499	0	394	
7	205	234	0	29	1554	1583	0	29	
8	0	398	0	398	1646	2467	0	821	
9	0	302	0	302	2112	2577	0	465	
10	244	93	161	0	1048	887	161	0	
STATE TOTALS	762	3774*****		3012	23678	30863*****		3012	

J.3. DEMAND AND SERVICE ANALYSIS FOR CHILDREN BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAYCARE			TOTALS DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	195	156	39	22	0	22	217	156	61
PRE-SCHOOL	702	561	140	80	0	80	782	561	220
SCHOOL-AGE	403	322	80	46	0	46	449	322	126
DISTRICT TOTALS	1301	1040	261	150	0	150	1451	1040	411
2 INFANT	224	180	44	18	0	18	242	180	62
PRE-SCHOOL	809	650	158	65	0	65	874	650	223
SCHOOL-AGE	464	373	91	37	0	37	501	373	128
DISTRICT TOTALS	1499	1205	294	122	0	122	1621	1205	416
3 INFANT	1831	1585	245	113	0	113	1944	1585	358
PRE-SCHOOL	6591	5708	882	408	0	408	6999	5708	1290
SCHOOL-AGE	3784	3277	506	234	0	234	4018	3277	740
DISTRICT TOTALS	12207	10572	1635	756	0	756	12963	10572	2391
4 INFANT	184	182	2	28	0	28	212	182	30
PRE-SCHOOL	665	656	9	102	0	102	767	656	111
SCHOOL-AGE	382	376	5	58	0	58	440	376	63
DISTRICT TOTALS	1233	1216	17	190	0	190	1423	1216	207
5 INFANT	257	257	0	22	22	0	279	279	0
PRE-SCHOOL	926	926	0	82	82	0	1008	1008	0
SCHOOL-AGE	531	531	0	47	47	0	578	578	0
DISTRICT TOTALS	1715	1715	0	152	152	0	1867	1867	0
6 INFANT	172	165	6	17	0	17	189	165	23
PRE-SCHOOL	620	596	23	63	0	63	683	596	86
SCHOOL-AGE	356	342	13	36	0	36	392	342	49
DISTRICT TOTALS	1149	1105	44	118	0	118	1267	1105	162
7 INFANT	184	184	0	18	18	0	202	202	0
PRE-SCHOOL	662	662	0	65	65	0	727	727	0
SCHOOL-AGE	380	380	0	37	37	0	417	417	0
DISTRICT TOTALS	1227	1227	0	122	122	0	1349	1349	0
8 INFANT	279	246	33	30	0	30	309	246	63
PRE-SCHOOL	1007	888	118	109	0	109	1116	888	227
SCHOOL-AGE	578	510	68	62	0	62	640	510	130
DISTRICT TOTALS	1866	1646	220	203	0	203	2069	1646	423
9 INFANT	316	316	0	24	0	24	340	316	24
PRE-SCHOOL	1140	1140	0	88	0	88	1228	1140	88
SCHOOL-AGE	654	654	0	50	0	50	704	654	50
DISTRICT TOTALS	2112	2112	0	163	0	163	2275	2112	163
10 INFANT	112	112	0	8	8	0	120	120	0
PRE-SCHOOL	403	403	0	30	30	0	433	433	0
SCHOOL-AGE	231	231	0	17	17	0	248	248	0
DISTRICT TOTALS	748	748	0	56	56	0	804	804	0
STATE TOTALS									
INFANT	3754	3383	369	300	48	252	4054	3431	621
PRE-SCHOOL	13525	12190	1330	1092	177	915	14617	12367	2245
SCHOOL-AGE	7763	6996	763	624	101	523	8387	7097	1286
STATE GRAND TOTAL	25057	22566	2471	2032	330	1702	27089	22916	4173

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DMR DISTRICTS	NON-DMR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS:DMR/NON-DMR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	40	0	40	257	156	101
PRE-SCHOOL	146	0	146	928	561	366
SCHOOL-AGE	84	0	84	533	322	210
DISTRICT TOTALS	271	0	271	1722	1040	682
2 INFANT	28	0	28	270	180	90
PRE-SCHOOL	100	0	100	974	650	323
SCHOOL-AGE	57	0	57	558	373	185
DISTRICT TOTALS	187	0	187	1808	1205	603
3 INFANT	196	0	196	2140	1585	554
PRE-SCHOOL	706	0	706	7705	5708	1996
SCHOOL-AGE	405	0	405	4423	3277	1145
DISTRICT TOTALS	1309	0	1309	14272	10572	3700
4 INFANT	67	0	67	279	182	97
PRE-SCHOOL	243	0	243	1010	656	354
SCHOOL-AGE	139	0	139	579	376	202
DISTRICT TOTALS	451	0	451	1874	1216	658
5 INFANT	46	46	0	325	325	0
PRE-SCHOOL	165	165	0	1173	1173	0
SCHOOL-AGE	95	95	0	673	673	0
DISTRICT TOTALS	307	307	0	2174	2174	0
6 INFANT	34	0	34	223	165	57
PRE-SCHOOL	125	0	125	808	596	211
SCHOOL-AGE	71	0	71	463	342	120
DISTRICT TOTALS	232	0	232	1499	1105	394
7 INFANT	35	30	4	237	232	4
PRE-SCHOOL	126	110	15	853	837	15
SCHOOL-AGE	72	63	8	489	480	8
DISTRICT TOTALS	234	205	29	1583	1554	29
8 INFANT	59	0	59	368	246	122
PRE-SCHOOL	214	0	214	1330	888	441
SCHOOL-AGE	123	0	123	753	510	253
DISTRICT TOTALS	398	0	398	2467	1646	821
9 INFANT	45	0	45	385	316	69
PRE-SCHOOL	163	0	163	1391	1140	251
SCHOOL-AGE	93	0	93	797	654	143
DISTRICT TOTALS	302	0	302	2577	2112	465
10 INFANT	12	12	0	132	132	0
PRE-SCHOOL	44	44	0	477	477	0
SCHOOL-AGE	25	25	0	273	273	0
DISTRICT TOTALS	83	83	0	887	887	0
STATE TOTALS						
INFANT	562	88	473	4616	3519	1094
PRE-SCHOOL	2032	319	1712	16649	12686	3957
SCHOOL-AGE	1164	183	980	9551	7280	2266
STATE GRAND TOTAL	3774	595	3179	30863	23511	7352

J.4. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	156	183681.	0	0.	156	183681.
PRE-SCHOOL	785.	561	440364.	0	0.	561	440364.
SCHOOL-AGE	589.	322	189568.	0	0.	322	189568.
DISTRICT TOTALS		1040	813614.	0	0.	1040	813614.
2 INFANT	1389.	180	250105.	0	0.	180	250105.
PRE-SCHOOL	926.	650	602105.	0	0.	650	602105.
SCHOOL-AGE	695.	373	259137.	0	0.	373	259137.
DISTRICT TOTALS		1205	1111347.	0	0.	1205	1111347.
3 INFANT	1086.	1505	2988857.	0	0.	1585	2988857.
PRE-SCHOOL	1251.	5708	7175771.	0	0.	5708	7175771.
SCHOOL-AGE	943.	3277	3089743.	0	0.	3277	3089743.
DISTRICT TOTALS		10572	13254371.	0	0.	10572	13254371.
4 INFANT	674.	182	122611.	0	0.	182	122611.
PRE-SCHOOL	449.	656	294625.	0	0.	656	294625.
SCHOOL-AGE	337.	376	126653.	0	0.	376	126653.
DISTRICT TOTALS		1216	543888.	0	0.	1216	543888.
5 INFANT	1268.	257	325791.	22	27889.	279	353680.
PRE-SCHOOL	845.	926	782574.	82	69299.	1008	851874.
SCHOOL-AGE	634.	531	336566.	47	29790.	578	366356.
DISTRICT TOTALS		1715	1444932.	152	126978.	1867	1571910.
6 INFANT	997.	165	164504.	0	0.	165	164504.
PRE-SCHOOL	665.	596	396138.	0	0.	596	396138.
SCHOOL-AGE	498.	342	170486.	0	0.	342	170486.
DISTRICT TOTALS		1105	731128.	0	0.	1105	731128.
7 INFANT	1054.	184	193961.	18	18974.	202	212935.
PRE-SCHOOL	703.	662	465225.	65	45679.	727	510904.
SCHOOL-AGE	527.	380	200286.	37	19502.	417	219787.
DISTRICT TOTALS		1227	859472.	122	84155.	1349	943627.
8 INFANT	687.	246	169056.	0	0.	246	169056.
PRE-SCHOOL	458.	888	406833.	0	0.	888	406833.
SCHOOL-AGE	344.	510	175241.	0	0.	510	175241.
DISTRICT TOTALS		1646	751129.	0	0.	1646	751129.
9 INFANT	1317.	316	416265.	0	0.	316	416265.
PRE-SCHOOL	878.	1140	1001143.	0	0.	1140	1001143.
SCHOOL-AGE	659.	654	430755.	0	0.	654	430755.
DISTRICT TOTALS		2112	1848162.	0	0.	2112	1848162.
10 INFANT	1495.	112	167411.	8	11958.	120	179368.
PRE-SCHOOL	996.	483	401586.	30	28895.	433	431481.
SCHOOL-AGE	747.	231	172642.	17	12705.	248	185347.
DISTRICT TOTALS		748	741639.	56	54558.	804	796196.
STATE TOTALS							
INFANT		3383	4982241.	48	58821.	3431	5041062.
PRE-SCHOOL		12190	11966365.	177	144873.	12367	12111238.
SCHOOL-AGE		6996	5151075.	101	61997.	7097	5213073.
STATE GRAND TOTAL		22568	22099681.	330	265691.	22916	22365373.

J.5. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DMR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DMR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	813614.	0.	813614.	0.	813614.	0.
2	1111347.	0.	1111347.	0.	1111347.	0.
3	13254371.	0.	13254371.	0.	13254371.	0.
4	543888.	0.	543888.	0.	543888.	0.
5	1444932.	126978.	1571910.	83541.	1488368.	83541.
6	731128.	0.	731128.	0.	731128.	0.
7	859472.	64155.	943627.	55099.	888528.	55099.
8	751129.	0.	751129.	0.	751129.	0.
9	1848162.	0.	1848162.	0.	1848162.	0.
10	741639.	54558.	796196.	36778.	759418.	36778.
STATE TOTALS	22099681.	265691.	22365373.	175418.	22189955.	175418.

NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	257971.	257971.	236209.	21762.	236209.
6	0.	0.	0.	0.	0.
7	142133.	142133.	130256.	11877.	130256.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	80467.	80467.	76041.	4426.	76041.
STATE TOTALS	480570.	480570.	442505.	38065.	442505.

TOTALS*DMR/NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	813614.	0.	813614.	0.
2	1111347.	0.	1111347.	0.
3	13254371.	0.	13254371.	0.
4	543888.	0.	543888.	0.
5	1829880.	319750.	1510131.	319750.
6	731128.	0.	731128.	0.
7	1085759.	185354.	900405.	185354.
8	751129.	0.	751129.	0.
9	1848162.	0.	1848162.	0.
10	876663.	112819.	763844.	112819.
STATE TOTALS	22845943.	617923.	22228019.	617923.

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DMR DISTRICT		COST/CHILD	NON-DMR INCOME ELIGIBLE SERVED ON A FEE BASIS DAY CARE CARE COST		TOTALS:DMR/NCN-DMR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS DAY CARE CARE COST	
1	INFANT	1177.	0	0.	257	183681.
	PRE-SCHOOL	785.	0	0.	928	440364.
	SCHOOL-AGE	529.	0	0.	533	189568.
	DISTRICT TOTALS		0	0.	1040	813614.
2	INFANT	1389.	0	0.	270	250105.
	PRE-SCHOOL	926.	0	0.	974	602105.
	SCHOOL-AGE	695.	0	0.	558	259137.
	DISTRICT TOTALS		0	0.	1205	1111347.
3	INFANT	1886.	0	0.	2140	2988857.
	PRE-SCHOOL	1257.	0	0.	7705	7175771.
	SCHOOL-AGE	943.	0	0.	4423	3089743.
	DISTRICT TOTALS		0	0.	10572	13254371.
4	INFANT	674.	0	0.	279	122611.
	PRE-SCHOOL	449.	0	0.	1010	294625.
	SCHOOL-AGE	337.	0	0.	579	126653.
	DISTRICT TOTALS		0	0.	1216	543888.
5	INFANT	1288.	46	58313.	325	411992.
	PRE-SCHOOL	845.	165	139444.	1173	991317.
	SCHOOL-AGE	634.	95	60214.	673	426571.
	DISTRICT TOTALS		307	257971.	2174	1829880.
6	INFANT	997.	0	0.	223	164504.
	PRE-SCHOOL	665.	0	0.	808	396138.
	SCHOOL-AGE	498.	0	0.	463	170486.
	DISTRICT TOTALS		0	0.	1105	731128.
7	INFANT	1054.	30	31624.	237	244559.
	PRE-SCHOOL	703.	110	77303.	853	588208.
	SCHOOL-AGE	527.	63	33205.	489	252992.
	DISTRICT TOTALS		205	142133.	1554	1085759.
8	INFANT	687.	0	0.	368	169056.
	PRE-SCHOOL	458.	0	0.	1330	406833.
	SCHOOL-AGE	344.	0	0.	763	175241.
	DISTRICT TOTALS		0	0.	1646	751129.
9	INFANT	1317.	0	0.	385	416265.
	PRE-SCHOOL	878.	0	0.	1391	1001143.
	SCHOOL-AGE	659.	0	0.	797	430755.
	DISTRICT TOTALS		0	0.	2112	1848162.
10	INFANT	1495.	12	17937.	132	197305.
	PRE-SCHOOL	996.	44	43846.	477	475326.
	SCHOOL-AGE	747.	25	18684.	273	204032.
	DISTRICT TOTALS		83	80467.	887	876663.
STATE TOTALS						
	INFANT		88	107874.	3519	5148935.
	PRE-SCHOOL		319	260592.	12686	12371831.
	SCHOOL-AGE		183	112104.	7280	5325177.
STATE GRAND TOTAL			595	480570.	23511	22845943.

APPENDIX K

DEMAND FUNCTION SENSITIVITY ANALYSIS RUN RESULTS
TIME PERIOD 1

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K.3. NON-DHR ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE
BY DISTRICT AND FAMILY INCOME

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICTS

FAMILY INCOME

	<\$1.0	\$1-1.9	\$2-2.9	\$3-3.9	\$4-4.9	\$5-5.9	\$6-6.9	\$7-7.9	\$8-8.9	\$9-9.9	\$10-11.9	\$12-14.9	\$15.0+
1	0	0	0	0	0	0	0	0	4	4	156	182	34
2	0	0	0	0	0	0	0	0	4	3	126	128	22
3	0	0	0	0	0	0	0	0	18	14	373	523	18
4	0	0	0	0	0	0	0	0	4	4	178	216	166
5	0	0	0	0	0	0	0	0	5	4	167	214	53
6	0	0	0	0	0	0	0	0	3	2	118	145	41
7	0	0	0	0	0	0	0	0	3	2	124	149	41
8	0	0	0	0	0	0	0	0	5	4	192	228	70
9	0	0	0	0	0	0	0	0	6	4	179	212	50
10	0	0	0	0	0	0	0	0	2	1	58	67	9

DHR INCOME ELIGIBLE CHILDREN DEMANDING FREE PUBLIC DAY CARE:
BY DISTRICT

FAMILY INCOME <61% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	1506	1762	13972	1451	2044	1365	1443	2207	2510	909

DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS:
BY DISTRICT

FAMILY INCOME IS BETWEEN 61% AND
80% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	200	168	1346	231	210	152	153	251	232	82

DHR INCOME ELIGIBLE CHILDREN DEMANDING PUBLIC DAY CARE ON A FEE BASIS:
BY DISTRICT

FAMILY INCOME IS BETWEEN 80% AND
115% OF THE STATE MEDIAN INCOME

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	380	283	2908	568	443	309	319	499	451	137

SIMULATION CLOCK INDICATES TIME PERIOD: 1

K.4. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	907	1586	0	599	0	200	0	200		907	1706	0	799	
2	1091	1762	0	671	0	168	0	168		1091	1930	0	839	
3	8804	13972	0	5168	0	1346	0	1346		8804	15318	0	6514	
4	960	1451	0	491	0	231	0	231		960	1682	0	722	
5	2205	2044	161	0	161	210	0	49		2205	2254	0	49	
6	1049	1365	0	316	0	152	0	152		1049	1517	0	468	
7	1562	1443	119	0	119	153	0	34		1562	1596	0	34	
8	1366	2207	0	841	0	251	0	251		1366	2458	0	1092	
9	1994	2510	0	516	0	232	0	232		1994	2742	0	748	
10	1081	909	172	0	172	82	90	0		1081	991	90	0	
STATE TOTALS	21019	29169*****		8150	452	3025*****		2573		21019	32194*****		11175	

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	380	0	380	907	2086	0	1179	
2	0	283	0	283	1091	2213	0	1122	
3	0	2908	0	2908	8804	18226	0	9422	
4	0	568	0	568	960	2250	0	1290	
5	0	443	0	443	2205	2697	0	492	
6	0	309	0	309	1049	1826	0	777	
7	0	319	0	319	1562	1915	0	353	
8	0	499	0	499	1366	2957	0	1591	
9	0	451	0	451	1994	3193	0	1199	
10	90	137	0	47	1081	1128	0	47	
STATE TOTALS	90	6297*****		6207	21019	38491*****		6207	

SIMULATION CLOCK INDICATES TIME PERIOD: 1

K.5.DEMAND AND SERVICE ANALYSIS
FOR CHILDREN: BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS+DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	225	136	89	30	0	30	255	136	119
PRE-SCHOOL	813	489	323	107	0	107	920	489	430
SCHOOL-AGE	466	281	185	62	0	62	528	281	247
DISTRICT TOTALS	1506	907	599	200	0	200	1706	907	799
2 INFANT	264	163	100	25	0	25	289	163	125
PRE-SCHOOL	951	589	362	90	0	90	1041	589	452
SCHOOL-AGE	546	338	208	52	0	52	598	338	260
DISTRICT TOTALS	1762	1091	671	168	0	168	1930	1091	839
3 INFANT	2095	1320	775	201	0	201	2296	1320	976
PRE-SCHOOL	7544	4754	2790	726	0	726	8270	4754	3516
SCHOOL-AGE	4331	2729	1602	417	0	417	4748	2729	2019
DISTRICT TOTALS	13972	8804	5168	1346	0	1346	15318	8804	6514
4 INFANT	217	144	73	34	0	34	251	144	107
PRE-SCHOOL	783	518	265	124	0	124	907	518	389
SCHOOL-AGE	449	297	152	71	0	71	520	297	223
DISTRICT TOTALS	1451	960	491	231	0	231	1682	960	722
5 INFANT	306	306	0	31	24	7	337	330	7
PRE-SCHOOL	1103	1103	0	113	86	26	1216	1189	26
SCHOOL-AGE	633	633	0	65	49	15	698	682	15
DISTRICT TOTALS	2044	2044	0	210	161	49	2254	2205	49
6 INFANT	204	157	47	22	0	22	226	157	69
PRE-SCHOOL	737	566	170	82	0	82	819	566	252
SCHOOL-AGE	423	325	97	47	0	47	470	325	144
DISTRICT TOTALS	1365	1049	316	152	0	152	1517	1049	468
7 INFANT	216	216	0	22	17	5	238	233	5
PRE-SCHOOL	779	779	0	82	64	18	861	843	18
SCHOOL-AGE	447	447	0	47	36	10	494	483	10
DISTRICT TOTALS	1443	1443	0	153	119	34	1596	1562	34
8 INFANT	331	204	126	37	0	37	368	204	163
PRE-SCHOOL	1191	737	454	135	0	135	1326	737	589
SCHOOL-AGE	684	423	260	77	0	77	761	423	337
DISTRICT TOTALS	2207	1366	841	251	0	251	2458	1366	1092
9 INFANT	376	299	77	34	0	34	410	299	111
PRE-SCHOOL	1355	1076	278	125	0	125	1480	1076	403
SCHOOL-AGE	778	618	159	71	0	71	849	618	230
DISTRICT TOTALS	2510	1994	516	232	0	232	2742	1994	748
10 INFANT	136	136	0	12	12	0	148	148	0
PRE-SCHOOL	490	490	0	44	44	0	534	534	0
SCHOOL-AGE	281	281	0	25	25	0	306	306	0
DISTRICT TOTALS	909	909	0	82	82	0	991	991	0
STATE TOTALS									
INFANT	4370	3081	1287	448	53	395	4818	3134	1682
PRE-SCHOOL	15746	11101	4642	1628	194	1433	17374	11295	6075
SCHOOL-AGE	9038	6372	2663	934	110	822	9972	6482	3485
STATE GRAND TOTAL	29169	20567	8602	3025	362	2663	32194	20929	11265

SIMULATION CLOCK INDICATES TIME PERIOD: 1

OHR DISTRICTS	NON-OHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS: OHR/NON-OHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	57	0	57	312	136	176
PRE-SCHOOL	205	0	205	1125	489	635
SCHOOL-AGE	117	0	117	645	281	364
DISTRICT TOTALS	380	0	380	2086	907	1179
2 INFANT	42	0	42	331	163	167
PRE-SCHOOL	152	0	152	1193	589	604
SCHOOL-AGE	87	0	87	685	338	347
DISTRICT TOTALS	283	0	283	2213	1091	1122
3 INFANT	436	0	436	2732	1320	1412
PRE-SCHOOL	1570	0	1570	9840	4754	5086
SCHOOL-AGE	901	0	901	5649	2729	2920
DISTRICT TOTALS	2908	0	2908	18226	8804	9422
4 INFANT	85	0	85	336	144	192
PRE-SCHOOL	306	0	306	1213	518	695
SCHOOL-AGE	176	0	176	696	297	399
DISTRICT TOTALS	568	0	568	2250	960	1290
5 INFANT	66	0	66	403	330	73
PRE-SCHOOL	239	0	239	1455	1189	265
SCHOOL-AGE	137	0	137	835	682	152
DISTRICT TOTALS	443	0	443	2697	2205	492
6 INFANT	46	0	46	272	157	115
PRE-SCHOOL	166	0	166	985	566	418
SCHOOL-AGE	95	0	95	565	325	239
DISTRICT TOTALS	309	0	309	1826	1049	777
7 INFANT	47	0	47	285	233	52
PRE-SCHOOL	172	0	172	1033	843	190
SCHOOL-AGE	98	0	98	592	483	108
DISTRICT TOTALS	319	0	319	1915	1562	353
8 INFANT	74	0	74	442	204	237
PRE-SCHOOL	269	0	269	1595	737	858
SCHOOL-AGE	154	0	154	915	423	491
DISTRICT TOTALS	499	0	499	2957	1366	1591
9 INFANT	67	0	67	477	299	178
PRE-SCHOOL	243	0	243	1723	1076	646
SCHOOL-AGE	139	0	139	988	618	369
DISTRICT TOTALS	451	0	451	3193	1994	1199
10 INFANT	20	13	7	168	161	7
PRE-SCHOOL	73	48	25	607	582	25
SCHOOL-AGE	42	27	14	348	331	14
DISTRICT TOTALS	137	90	47	1128	1081	47
STATE TOTALS						
INFANT	940	13	927	5758	3147	2609
PRE-SCHOOL	3395	48	3347	20769	11343	9422
SCHOOL-AGE	1946	27	1918	11918	6509	5403
STATE GRAND TOTAL	6297	90	6207	38491	21019	17472

K.6. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

OMR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE		DHR INCOME ELIGIBLE		TOTALS DHR INCOME ELIGIBLE	
		SERVED ON A FREE BASIS DAY CARE	FREE BASIS CARE COST	SERVED ON A FEE BASIS DAY CARE	FEE BASIS CARE COST	SERVED ON A FREE/FEE BASIS DAY CARE	TOTALS CARE COST
1 INFANT	1177.	136	160132.	0	0.	136	160132.
PRE-SCHOOL	785.	489	383847.	0	0.	489	383847.
SCHOOL-AGE	589.	281	165431.	0	0.	281	165431.
DISTRICT TOTALS		907	709410.	0	0.	907	709410.
2 INFANT	1389.	163	226484.	0	0.	163	226484.
PRE-SCHOOL	926.	589	545600.	0	0.	589	545600.
SCHOOL-AGE	695.	338	234821.	0	0.	338	234821.
DISTRICT TOTALS		1091	1006905.	0	0.	1091	1006905.
3 INFANT	1886.	1320	2489143.	0	0.	1320	2489143.
PRE-SCHOOL	1257.	4754	5975457.	0	0.	4754	5975457.
SCHOOL-AGE	943.	2729	2573057.	0	0.	2729	2573057.
DISTRICT TOTALS		8804	11038657.	0	0.	8804	11038657.
4 INFANT	674.	144	97011.	0	0.	144	97011.
PRE-SCHOOL	449.	518	232646.	0	0.	518	232646.
SCHOOL-AGE	337.	297	100042.	0	0.	297	100042.
DISTRICT TOTALS		960	429698.	0	0.	960	429698.
5 INFANT	1268.	306	387907.	24	30424.	330	418331.
PRE-SCHOOL	845.	1103	932159.	86	72680.	1189	1004839.
SCHOOL-AGE	634.	633	401217.	49	31058.	682	432275.
DISTRICT TOTALS		2044	1721283.	161	134162.	2205	1855445.
6 INFANT	997.	157	156528.	0	0.	157	156528.
PRE-SCHOOL	665.	566	376198.	0	0.	566	376198.
SCHOOL-AGE	498.	325	162011.	0	0.	325	162011.
DISTRICT TOTALS		1049	694738.	0	0.	1049	694738.
7 INFANT	1054.	216	227693.	17	17920.	233	245614.
PRE-SCHOOL	703.	779	547448.	64	44976.	843	592424.
SCHOOL-AGE	527.	447	235599.	36	18974.	483	254574.
DISTRICT TOTALS		1443	1010740.	119	81871.	1562	1092611.
8 INFANT	687.	204	140192.	0	0.	204	140192.
PRE-SCHOOL	458.	737	337653.	0	0.	737	337653.
SCHOOL-AGE	344.	423	145347.	0	0.	423	145347.
DISTRICT TOTALS		1366	623192.	0	0.	1366	623192.
9 INFANT	1317.	299	393871.	0	0.	299	393871.
PRE-SCHOOL	878.	1076	944938.	0	0.	1076	944938.
SCHOOL-AGE	659.	618	407044.	0	0.	618	407044.
DISTRICT TOTALS		1994	1745853.	0	0.	1994	1745853.
10 INFANT	1495.	136	203284.	12	17937.	148	221221.
PRE-SCHOOL	996.	490	488281.	44	43846.	534	532126.
SCHOOL-AGE	747.	281	210011.	25	18684.	306	228695.
DISTRICT TOTALS		909	901575.	82	80467.	991	982042.
STATE TOTALS							
INFANT		3081	4482245.	53	66281.	3134	4548526.
PRE-SCHOOL		11101	10765227.	194	161502.	11295	10926729.
SCHOOL-AGE		6372	4634580.	110	68717.	6482	4703296.
STATE GRAND TOTAL		20567	19882052.	362	296499.	20929	20178551.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICT	COST/CHILD	NON-DHR INCOME ELIGIBLE SERVED ON A FEE BASIS DAY CARE	CARE COST	TOTALS: DHR/NON-DHR SERVED ON A FREE/FEE BASIS DAY CARE	TOTALS INCOME ELIGIBLE CARE COST
1 INFANT	1177.	0	0.	312	160132.
PRE-SCHOOL	785.	0	0.	1125	383847.
SCHOOL-AGE	589.	0	0.	645	165431.
DISTRICT TOTALS		0	0.	907	709410.
2 INFANT	1389.	0	0.	331	226484.
PRE-SCHOOL	926.	0	0.	1193	545600.
SCHOOL-AGE	695.	0	0.	685	234821.
DISTRICT TOTALS		0	0.	1091	1006905.
3 INFANT	1886.	0	0.	2732	2489143.
PRE-SCHOOL	1257.	0	0.	9840	5976457.
SCHOOL-AGE	943.	0	0.	5649	2573057.
DISTRICT TOTALS		0	0.	8804	11038657.
4 INFANT	674.	0	0.	336	97011.
PRE-SCHOOL	449.	0	0.	1213	232646.
SCHOOL-AGE	337.	0	0.	696	100042.
DISTRICT TOTALS		0	0.	960	429698.
5 INFANT	1268.	0	0.	403	418331.
PRE-SCHOOL	845.	0	0.	1455	1004839.
SCHOOL-AGE	634.	0	0.	835	432275.
DISTRICT TOTALS		0	0.	2205	1855445.
6 INFANT	997.	0	0.	272	156528.
PRE-SCHOOL	665.	0	0.	985	376198.
SCHOOL-AGE	498.	0	0.	565	162811.
DISTRICT TOTALS		0	0.	1049	694738.
7 INFANT	1054.	0	0.	285	245614.
PRE-SCHOOL	703.	0	0.	1033	592424.
SCHOOL-AGE	527.	0	0.	592	254574.
DISTRICT TOTALS		0	0.	1562	1092611.
8 INFANT	687.	0	0.	442	140192.
PRE-SCHOOL	458.	0	0.	1595	337653.
SCHOOL-AGE	344.	0	0.	915	145347.
DISTRICT TOTALS		0	0.	1366	623192.
9 INFANT	1317.	0	0.	477	393871.
PRE-SCHOOL	878.	0	0.	1723	944938.
SCHOOL-AGE	659.	0	0.	988	487044.
DISTRICT TOTALS		0	0.	1994	1745853.
10 INFANT	1495.	13	19432.	168	240653.
PRE-SCHOOL	996.	48	47832.	607	579958.
SCHOOL-AGE	747.	27	20179.	348	248674.
DISTRICT TOTALS		90	87442.	1081	1069484.
STATE TOTALS					
INFANT		13	19432.	3147	4567958.
PRE-SCHOOL		48	47832.	11343	10974560.
SCHOOL-AGE		27	20179.	6509	4723475.
STATE GRAND TOTAL		90	87442.	21019	20265993.

K.7. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	709410.	0.	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.	429698.	0.
5	1721283.	134162.	1855445.	87186.	1768259.	87186.
6	694738.	0.	694738.	0.	694738.	0.
7	1010740.	81871.	1092611.	53541.	1039070.	53541.
8	623192.	0.	623192.	0.	623192.	0.
9	1745853.	0.	1745853.	0.	1745853.	0.
10	901575.	80467.	982042.	53179.	928863.	53179.
STATE TOTALS	19882052.	296499.	20178551.	193906.	19984646.	193906.

NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	87442.	87442.	81820.	5622.	81820.
STATE TOTALS	87442.	87442.	81820.	5622.	81820.

TOTALS: DHR/NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.
5	1855445.	87186.	1768259.	87186.
6	694738.	0.	694738.	0.
7	1092611.	53541.	1039070.	53541.
8	623192.	0.	623192.	0.
9	1745853.	0.	1745853.	0.
10	1069484.	134999.	934485.	134999.
STATE TOTALS	20265993.	275726.	19990268.	275726.

APPENDIX L

SLIDING FEE SCHEDULE SENSITIVITY ANALYSIS RUN RESULTS
TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.1, FEES BASED ON A PERCENT OF COST PER CHILD IN EACH DISTRICT

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	1.00	.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	1.00	1.00	.75	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	*****	1.00	1.00	.75	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	*****	1.00	1.00	1.00	.75	.63	.50	.38	.38
\$15,000+	*****	*****	*****	*****	1.00	1.00	.88	.75	.50	.50

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.2. SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILDO PER YEAR

DMR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	422.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	632.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	843.	742.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	843.	843.	632.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	843.	843.	632.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	843.	843.	843.	632.	531.	422.	320.	320.
\$15,000+	*****	*****	*****	*****	843.	843.	742.	632.	422.	422.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILDO PER YEAR

DMR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	332.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	497.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	663.	583.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	663.	663.	497.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	663.	663.	497.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	663.	663.	663.	497.	418.	332.	252.	252.
\$15,000+	*****	*****	*****	*****	663.	663.	583.	497.	332.	332.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.3. EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

DMR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	422.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	632.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	843.	742.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	843.	843.	1265.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	843.	1686.	1897.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	843.	1686.	2529.	2529.	2655.	2529.	2242.	2563.
\$15,000+	*****	*****	*****	*****	2529.	3372.	3709.	3794.	2951.	3372.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

DMR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	332.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	497.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	663.	583.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	663.	663.	995.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	663.	1326.	1492.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	663.	1326.	1989.	1989.	2088.	1989.	1764.	2016.
\$15,000+	*****	*****	*****	*****	1989.	2652.	2917.	2984.	2321.	2652.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.4. REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DMR DISTRICT NO. 5		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5647.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	6069.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6271.	6614.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	6881.	7223.	7045.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	8238.	7738.	7769.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	10643.	9943.	9452.	9504.	9811.	10166.	10674.	10521.
\$15,000+	*****	*****	*****	*****	10109.	9620.	9539.	9698.	10783.	10654.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DMR DISTRICT NO. 6		FAMILY MEMBERS								
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5737.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	6204.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6451.	6773.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	7061.	7403.	7315.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	8418.	8098.	8174.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	10823.	10303.	9992.	10844.	10378.	10706.	11152.	11068.
\$15,000+	*****	*****	*****	*****	10649.	10340.	10331.	10508.	11413.	11374.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.5. FEE-TO-REAL NET INCOME RATIOS

DMR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	.13	.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	.12	.12	.16	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	.10	.22	.24	0.00	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	.08	.27	.27	.27	.27	.25	.21	.24	.24
\$15,000+	*****	.25	.35	.39	.39	.39	.27	.32		

SIMULATION CLOCK INDICATES TIME PERIOD: 1

FEE-TO-REAL NET INCOME RATIOS

DMR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$6-6,999	*****	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$7-7,999	*****	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$8-8,999	*****	.10	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
\$9-9,999	*****	.09	.09	.14	0.00	0.00	0.00	0.00	0.00	0.00
\$10-11,999	*****	.08	.16	.18	0.00	0.00	0.00	0.00	0.00	0.00
\$12-14,999	*****	.06	.13	.20	.20	.20	.19	.16	.18	.18
\$15,000+	*****	.19	.26	.26	.26	.26	.20	.23		

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.6. PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.06	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.05	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.05	.05	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.05	.05	.03	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.06	.02	.02	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.06	.04	.01	.01	.01	.01	.03	.02
\$15,000+	*****	0.00	0.00	0.00	.01	0.00	0.00	0.00	.01	0.00

SIMULATION CLOCK INDICATES TIME PERIOD: 1

PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.07	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.06	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.06	.06	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.06	.06	.05	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.06	.04	.03	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.07	.05	.03	.03	.03	.03	.04	.03
\$15,000+	*****	0.00	0.00	0.00	.03	.01	.00	.00	.03	.02

L.7. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE				TOTALS:DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE			
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	907	1205	0	298	0	103	0	103	907	1308	0	401
2	1091	1393	0	302	0	72	0	72	1091	1465	0	374
3	8804	11100	0	2296	0	362	0	362	8804	11462	0	2658
4	960	1152	0	192	0	153	0	153	960	1305	0	345
5	2205	1614	591	0	591	94	497	0	2205	1708	497	0
6	1049	1075	0	26	0	89	0	89	1049	1164	0	115
7	1562	1141	421	0	421	85	336	0	1562	1226	336	0
8	1366	1752	0	386	0	163	0	163	1366	1915	0	549
9	1994	1984	10	0	10	98	0	88	1994	2082	0	88
10	1081	705	376	0	376	29	347	0	1081	734	347	0
STATE TOTALS	21019	23121	*****	2102	1398	1248	150	*****	21019	24369	*****	3350

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS:DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE			
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	0	205	0	205	907	1513	0	606
2	0	121	0	121	1091	1586	0	495
3	0	1023	0	1023	8804	12485	0	3681
4	0	388	0	388	960	1693	0	733
5	497	217	280	0	2205	1925	280	0
6	0	183	0	183	1049	1347	0	298
7	336	184	152	0	1562	1410	152	0
8	0	341	0	341	1366	2256	0	890
9	0	208	0	208	1994	2290	0	296
10	347	54	293	0	1081	788	293	0
STATE TOTALS	1180	2924	*****	1744	21019	27293	*****	1744

SIMULATION CLOCK INDICATES TIME PERIOD: 1

L.B. DEMAND AND SERVICE ANALYSIS
FOR CHILDREN: BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	180	136	44	15	0	15	195	136	59
PRE-SCHOOL	650	489	160	55	0	55	705	489	215
SCHOOL-AGE	373	281	92	31	0	31	404	281	123
DISTRICT TOTALS	1205	907	298	103	0	103	1308	907	401
2 INFANT	208	163	45	10	0	10	218	163	55
PRE-SCHOOL	752	589	163	38	0	38	790	589	201
SCHOOL-AGE	431	338	93	22	0	22	453	338	115
DISTRICT TOTALS	1393	1091	302	72	0	72	1465	1091	374
3 INFANT	1665	1320	344	54	0	54	1719	1320	398
PRE-SCHOOL	5993	4754	1239	195	0	195	6188	4754	1434
SCHOOL-AGE	3441	2729	711	112	0	112	3553	2729	823
DISTRICT TOTALS	11100	8804	2296	362	0	362	11462	8804	2658
4 INFANT	172	144	28	22	0	22	194	144	50
PRE-SCHOOL	622	518	103	82	0	82	704	518	185
SCHOOL-AGE	357	297	59	47	0	47	404	297	106
DISTRICT TOTALS	1152	960	192	153	0	153	1305	960	345
5 INFANT	242	242	0	14	14	0	256	256	0
PRE-SCHOOL	871	871	0	50	50	0	921	921	0
SCHOOL-AGE	500	500	0	29	0	0	529	529	0
DISTRICT TOTALS	1614	1614	0	94	94	0	1708	1708	0
6 INFANT	161	157	3	13	0	13	174	157	16
PRE-SCHOOL	580	566	14	48	0	48	628	566	62
SCHOOL-AGE	333	325	8	27	0	27	360	325	35
DISTRICT TOTALS	1075	1049	26	89	0	89	1164	1049	115
7 INFANT	171	171	0	12	12	0	183	183	0
PRE-SCHOOL	616	616	0	45	45	0	661	661	0
SCHOOL-AGE	353	353	0	26	26	0	379	379	0
DISTRICT TOTALS	1141	1141	0	85	85	0	1226	1226	0
8 INFANT	262	204	57	24	0	24	286	204	81
PRE-SCHOOL	946	737	208	88	0	88	1034	737	296
SCHOOL-AGE	543	423	119	50	0	50	593	423	169
DISTRICT TOTALS	1752	1366	386	163	0	163	1915	1366	549
9 INFANT	297	297	0	14	1	13	311	298	13
PRE-SCHOOL	1071	1071	0	52	5	47	1123	1076	47
SCHOOL-AGE	615	615	0	30	3	27	645	618	27
DISTRICT TOTALS	1984	1984	0	98	10	88	2082	1994	88
10 INFANT	105	105	0	4	4	0	109	109	0
PRE-SCHOOL	380	380	0	15	15	0	395	395	0
SCHOOL-AGE	218	218	0	8	8	0	226	226	0
DISTRICT TOTALS	705	705	0	29	29	0	734	734	0
STATE TOTALS									
INFANT	3463	2939	521	182	31	151	3645	2970	672
PRE-SCHOOL	12481	10591	1887	668	115	553	13149	10706	2440
SCHOOL-AGE	7164	6079	1082	382	66	316	7546	6145	1398
STATE GRAND TOTAL	23121	19621	3500	1243	213	1030	24369	19839	4530

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICTS	NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	30	0	30	225	136	89
PRE-SCHOOL	110	0	110	815	489	325
SCHOOL-AGE	63	0	63	467	281	186
DISTRICT TOTALS	205	0	205	1513	907	606
2 INFANT	12	0	12	236	163	73
PRE-SCHOOL	65	0	65	855	589	266
SCHOOL-AGE	37	0	37	490	338	152
DISTRICT TOTALS	121	0	121	1586	1091	495
3 INFANT	153	0	153	1872	1320	551
PRE-SCHOOL	552	0	552	6740	4754	1986
SCHOOL-AGE	317	0	317	3870	2729	1140
DISTRICT TOTALS	1023	0	1023	12485	8804	3681
4 INFANT	58	0	58	252	144	108
PRE-SCHOOL	209	0	209	913	518	394
SCHOOL-AGE	120	0	120	524	297	226
DISTRICT TOTALS	388	0	388	1693	960	733
5 INFANT	32	32	0	288	288	0
PRE-SCHOOL	117	117	0	1038	1038	0
SCHOOL-AGE	67	67	0	596	596	0
DISTRICT TOTALS	217	217	0	1925	1925	0
6 INFANT	27	0	27	201	157	43
PRE-SCHOOL	98	0	98	726	566	160
SCHOOL-AGE	56	0	56	416	325	91
DISTRICT TOTALS	183	0	183	1347	1049	298
7 INFANT	27	27	0	210	210	0
PRE-SCHOOL	99	99	0	760	760	0
SCHOOL-AGE	57	57	0	436	436	0
DISTRICT TOTALS	184	184	0	1410	1410	0
8 INFANT	51	0	51	337	204	132
PRE-SCHOOL	184	0	184	1218	737	480
SCHOOL-AGE	105	0	105	698	423	274
DISTRICT TOTALS	341	0	341	2256	1366	890
9 INFANT	31	0	31	342	298	44
PRE-SCHOOL	112	0	112	1235	1076	159
SCHOOL-AGE	64	0	64	709	618	91
DISTRICT TOTALS	208	0	208	2290	1994	296
10 INFANT	8	8	0	117	117	0
PRE-SCHOOL	29	29	0	424	424	0
SCHOOL-AGE	16	16	0	242	242	0
DISTRICT TOTALS	54	54	0	783	783	0
STATE TOTALS						
INFANT	435	67	368	4080	3037	1040
PRE-SCHOOL	1575	245	1330	14724	10951	3770
SCHOOL-AGE	902	140	762	8448	6285	2160
STATE GRAND TOTAL	2924	455	2469	27293	20294	6999

L.9. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS: DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	136	160132.	0	0.	136	160132.
PRE-SCHOOL	785.	489	383847.	0	0.	489	383847.
SCHOOL-AGE	589.	281	165431.	0	0.	281	165431.
DISTRICT TOTALS		907	709410.	0	0.	907	709410.
2 INFANT	1389.	163	226484.	0	0.	163	226484.
PRE-SCHOOL	926.	589	545600.	0	0.	589	545600.
SCHOOL-AGE	695.	338	234821.	0	0.	338	234821.
DISTRICT TOTALS		1091	1006905.	0	0.	1091	1006905.
3 INFANT	1826.	1320	2489143.	0	0.	1320	2489143.
PRE-SCHOOL	1257.	4754	5976457.	0	0.	4754	5976457.
SCHOOL-AGE	943.	2729	2573057.	0	0.	2729	2573057.
DISTRICT TOTALS		8804	11038657.	0	0.	8804	11038657.
4 INFANT	674.	144	97011.	0	0.	144	97011.
PRE-SCHOOL	449.	518	232646.	0	0.	518	232646.
SCHOOL-AGE	337.	297	100042.	0	0.	297	100042.
DISTRICT TOTALS		960	429698.	0	0.	960	429698.
5 INFANT	1268.	242	306776.	14	17747.	256	324523.
PRE-SCHOOL	845.	871	736093.	50	42256.	921	778349.
SCHOOL-AGE	634.	500	316917.	29	18381.	529	335298.
DISTRICT TOTALS		1614	1359786.	94	78384.	1708	1438171.
6 INFANT	997.	157	156528.	0	0.	157	156528.
PRE-SCHOOL	665.	566	376198.	0	0.	566	376198.
SCHOOL-AGE	498.	325	162011.	0	0.	325	162011.
DISTRICT TOTALS		1049	694738.	0	0.	1049	694738.
7 INFANT	1054.	171	180257.	12	12650.	183	192907.
PRE-SCHOOL	703.	616	432898.	45	31624.	661	464522.
SCHOOL-AGE	527.	353	186055.	26	13704.	379	199759.
DISTRICT TOTALS		1141	799210.	85	57977.	1226	857188.
8 INFANT	687.	204	140192.	0	0.	204	140192.
PRE-SCHOOL	458.	737	337653.	0	0.	737	337653.
SCHOOL-AGE	344.	423	145347.	0	0.	423	145347.
DISTRICT TOTALS		1366	623192.	0	0.	1366	623192.
9 INFANT	1317.	297	391236.	1	1317.	298	392553.
PRE-SCHOOL	878.	1071	940547.	5	4391.	1076	944938.
SCHOOL-AGE	659.	615	405068.	3	1976.	618	407044.
DISTRICT TOTALS		1984	1736851.	10	7684.	1994	1744535.
10 INFANT	1495.	105	156947.	4	5979.	109	162926.
PRE-SCHOOL	996.	380	378667.	15	14947.	395	393614.
SCHOOL-AGE	747.	218	162926.	8	5979.	226	168905.
DISTRICT TOTALS		705	698540.	29	26905.	734	725446.
STATE TOTALS							
INFANT		2939	4304707.	31	37693.	2970	4342400.
PRE-SCHOOL		10591	10340607.	115	93218.	10706	10433825.
SCHOOL-AGE		6079	4451675.	66	40040.	6145	4491715.
STATE GRAND TOTAL		19621	19096988.	218	170951.	19839	19267940.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICT	COST/CHLD	NON-DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS: DHR/NON-DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	0	0.	225	160132.
PRE-SCHOOL	785.	0	0.	815	383847.
SCHOOL-AGE	589.	0	0.	467	165431.
DISTRICT TOTALS		0	0.	907	709410.
2 INFANT	1389.	0	0.	236	226484.
PRE-SCHOOL	926.	0	0.	855	545600.
SCHOOL-AGE	695.	0	0.	490	234821.
DISTRICT TOTALS		0	0.	1091	1006905.
3 INFANT	1886.	0	0.	1872	2489143.
PRE-SCHOOL	1257.	0	0.	6740	5976457.
SCHOOL-AGE	943.	0	0.	3870	2573057.
DISTRICT TOTALS		0	0.	8004	11038657.
4 INFANT	674.	0	0.	252	97011.
PRE-SCHOOL	449.	0	0.	913	232646.
SCHOOL-AGE	337.	0	0.	524	100042.
DISTRICT TOTALS		0	0.	960	429698.
5 INFANT	1268.	32	40565.	288	365089.
PRE-SCHOOL	845.	117	98878.	1038	877227.
SCHOOL-AGE	634.	57	42467.	596	377765.
DISTRICT TOTALS		217	181911.	1925	1620081.
6 INFANT	997.	0	0.	201	156528.
PRE-SCHOOL	665.	0	0.	726	376198.
SCHOOL-AGE	498.	0	0.	416	162011.
DISTRICT TOTALS		0	0.	1049	694738.
7 INFANT	1054.	27	28462.	210	221368.
PRE-SCHOOL	703.	99	69573.	760	534095.
SCHOOL-AGE	527.	57	30043.	436	229802.
DISTRICT TOTALS		184	128077.	1410	985265.
8 INFANT	687.	0	0.	337	140192.
PRE-SCHOOL	458.	0	0.	1218	337653.
SCHOOL-AGE	344.	0	0.	698	145347.
DISTRICT TOTALS		0	0.	1366	623192.
9 INFANT	1317.	0	0.	342	392553.
PRE-SCHOOL	878.	0	0.	1235	944938.
SCHOOL-AGE	659.	0	0.	709	407044.
DISTRICT TOTALS		0	0.	1994	1744535.
10 INFANT	1495.	8	11958.	117	174884.
PRE-SCHOOL	996.	29	28898.	424	422512.
SCHOOL-AGE	747.	16	11958.	242	180863.
DISTRICT TOTALS		54	52814.	788	778260.
STATE TOTALS					
INFANT		67	80985.	3037	4423385.
PRE-SCHOOL		245	197349.	10951	10631174.
SCHOOL-AGE		140	84468.	6285	4576183.
STATE GRAND TOTAL		455	362802.	20294	19630742.

L.10. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	709410.	0.	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.	429698.	0.
5	1359788.	78384.	1438171.	64262.	1373909.	64262.
6	694738.	0.	694738.	0.	694738.	0.
7	799210.	57977.	857188.	47633.	809555.	47633.
8	623192.	0.	623192.	0.	623192.	0.
9	1736851.	7684.	1744535.	7129.	1737407.	7129.
10	698540.	26905.	725446.	24025.	701421.	24025.
STATE TOTALS	19096986.	170951.	19267940.	143048.	19124891.	143048.

NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	181911.	181911.	181911.	0.	181911.
6	0.	0.	0.	0.	0.
7	128077.	128077.	128077.	0.	128077.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	52814.	52814.	52814.	0.	52814.
STATE TOTALS	362802.	362802.	362802.	0.	362802.

TOTALS: DHR/NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	709410.	0.	709410.	0.
2	1006905.	0.	1006905.	0.
3	11038657.	0.	11038657.	0.
4	429698.	0.	429698.	0.
5	1620081.	246172.	1373909.	246172.
6	694738.	0.	694738.	0.
7	985265.	175710.	809555.	175710.
8	623192.	0.	623192.	0.
9	1744535.	7129.	1737407.	7129.
10	778260.	76839.	701421.	76839.
STATE TOTALS	19630742.	505850.	19124891.	505850.

APPENDIX M

AVERAGE COST SENSITIVITY ANALYSIS RUN RESULTS
TIME PERIOD 1

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.1. EXPECTED CHILD CARE COSTS PER CHILD BY AGE GROUP

DHR DISTRICTS	AGE GROUP			AVE. COST/CHILD
	INFANT	PRE-SCHOOL	SCHOOL AGE	
1	1472.	981.	736.	979.
2	1737.	1158.	868.	1155.
3	2358.	1572.	1179.	1568.
4	842.	561.	421.	560.
5	1585.	1057.	792.	1054.
6	1247.	831.	623.	829.
7	1317.	878.	659.	876.
8	859.	572.	429.	571.
9	1647.	1098.	823.	1095.
10	1869.	1246.	935.	1243.

MAXIMUM FEE PER CHILD FOR DAY CARE BASED ON COST

DHR DISTRICTS	1	2	3	4	5	6	7	8	9	10
	979.	1155.	1568.	560.	1054.	829.	876.	571.	1095.	1243.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.2. SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILD PER YEAR

DMR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	422.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	632.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	843.	738.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	1054.	949.	632.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	1054.	843.	632.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	1054.	1054.	843.	632.	527.	422.	316.	316.
\$15,000+	*****	*****	*****	*****	949.	843.	738.	632.	422.	422.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

SLIDING FEE SCHEDULE
FULL DAY FEE PER CHILD PER YEAR

DMR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	332.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	497.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	663.	580.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	829.	746.	497.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	829.	663.	497.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	829.	829.	663.	497.	415.	332.	249.	249.
\$15,000+	*****	*****	*****	*****	746.	663.	580.	497.	332.	332.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.3. EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

OHR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	422.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	632.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	843.	738.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	1054.	949.	1265.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	1054.	1686.	1897.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	1054.	2108.	2530.	2530.	2635.	2530.	2213.	2530.
\$15,000+	*****	*****	*****	*****	2846.	3373.	3689.	3794.	2951.	3373.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

EXPECTED FEE FOR A FAMILY: BY DISTRICT: BY FAMILY INCOME AND SIZE
FULL DAY FEE PER FAMILY PER YEAR

OHR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$1-1,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$2-2,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$3-3,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$4-4,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$5-5,999	*****	0.	0.	0.	0.	0.	0.	0.	0.	0.
\$6-6,999	*****	332.	0.	0.	0.	0.	0.	0.	0.	0.
\$7-7,999	*****	497.	0.	0.	0.	0.	0.	0.	0.	0.
\$8-8,999	*****	663.	580.	0.	0.	0.	0.	0.	0.	0.
\$9-9,999	*****	829.	746.	995.	0.	0.	0.	0.	0.	0.
\$10-11,999	*****	*****	829.	1326.	1492.	0.	0.	0.	0.	0.
\$12-14,999	*****	*****	829.	1658.	1990.	1990.	2073.	1990.	1741.	1990.
\$15,000+	*****	*****	*****	*****	2238.	2653.	2902.	2984.	2321.	2653.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.4. REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DNR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5646.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	6069.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6271.	6618.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	6570.	7117.	7044.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	8027.	7738.	7769.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	18432.	9521.	9451.	9583.	9831.	10165.	10703.	10554.
\$15,000+	*****	*****	*****	*****	9792.	9619.	9559.	9697.	10782.	10653.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

REAL NET INCOME PER YEAR FOR A TYPICAL FAMILY

DNR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	4900.	5896.	6340.	6940.	7456.	7960.	8428.	8540.	8740.
\$1-1,999	*****	5320.	5992.	6640.	7240.	7732.	8236.	8692.	8804.	9004.
\$2-2,999	*****	5308.	6180.	6828.	7428.	7932.	8436.	8892.	9004.	9204.
\$3-3,999	*****	5640.	6240.	7176.	7776.	8280.	8784.	9240.	9352.	9552.
\$4-4,999	*****	5576.	6351.	6996.	8044.	8592.	9016.	9540.	9640.	9840.
\$5-5,999	*****	5827.	6275.	6680.	7220.	8168.	8582.	8972.	9033.	9128.
\$6-6,999	*****	5736.	6288.	6890.	7215.	7644.	8618.	8942.	8992.	8992.
\$7-7,999	*****	6204.	6929.	7198.	7650.	7906.	8535.	9578.	9628.	9628.
\$8-8,999	*****	6451.	6776.	7686.	7958.	8461.	8767.	9198.	10202.	10202.
\$9-9,999	*****	6895.	7320.	7314.	8544.	8868.	9470.	9704.	9913.	10802.
\$10-11,999	*****	*****	8252.	8098.	8174.	9909.	10144.	10848.	11018.	11182.
\$12-14,999	*****	*****	10657.	9971.	9991.	10043.	10394.	10705.	11175.	11094.
\$15,000+	*****	*****	*****	*****	10400.	10339.	10347.	10507.	11412.	11373.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.5. FEE-TO-REAL NET INCOME RATIOS

DHR DISTRICT NO. 5		FAMILY MEMBERS									
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+	
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$6-6,999	*****	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$7-7,999	*****	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$8-8,999	*****	.13	.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$9-9,999	*****	.16	.13	.18	0.00	0.00	0.00	0.00	0.00	0.00	
\$10-11,999	*****	*****	.13	.22	.24	0.00	0.00	0.00	0.00	0.00	
\$12-14,999	*****	*****	.10	.22	.27	.27	.27	.25	.21	.24	
\$15,000+	*****	*****	*****	*****	.29	.35	.39	.39	.27	.32	

SIMULATION CLOCK INDICATES TIME PERIOD: 1

FEE-TO-REAL NET INCOME RATIOS

DHR DISTRICT NO. 6		FAMILY MEMBERS									
INCOME LEVEL	1	2	3	4	5	6	7	8	9	10+	
<\$1,000	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$1-1,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$2-2,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$3-3,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$4-4,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$5-5,999	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$6-6,999	*****	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$7-7,999	*****	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$8-8,999	*****	.10	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$9-9,999	*****	.12	.10	.14	0.00	0.00	0.00	0.00	0.00	0.00	
\$10-11,999	*****	*****	.10	.15	.18	0.00	0.00	0.00	0.00	0.00	
\$12-14,999	*****	*****	.08	.17	.20	.20	.20	.19	.16	.18	
\$15,000+	*****	*****	*****	*****	.22	.26	.28	.28	.20	.23	

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.6. PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 5

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.06	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.05	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.05	.05	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.04	.05	.03	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.05	.02	.02	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.06	.02	.01	.01	.01	.01	.03	.02
\$15,000+	*****	0.00	0.00	0.00	.00	0.00	0.00	0.00	.01	0.00

SIMULATION CLOCK INDICATES TIME PERIOD: 1

PERCENT OF FAMILIES DEMANDING SERVICES

DHR DISTRICT NO. 6

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$1-1,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$2-2,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$3-3,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$4-4,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$5-5,999	*****	.09	.09	.09	.09	.09	.09	.09	.09	.09
\$6-6,999	*****	.07	.09	.09	.09	.09	.09	.09	.09	.09
\$7-7,999	*****	.06	.09	.09	.09	.09	.09	.09	.09	.09
\$8-8,999	*****	.05	.06	.09	.09	.09	.09	.09	.09	.09
\$9-9,999	*****	.05	.06	.05	.09	.09	.09	.09	.09	.09
\$10-11,999	*****	0.00	.06	.04	.03	.09	.09	.09	.09	.09
\$12-14,999	*****	0.00	.06	.04	.03	.03	.03	.03	.04	.03
\$15,000+	*****	0.00	0.00	0.00	.02	.01	.01	.00	.03	.02

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.7. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	907	1205	0	298	0	102	0	102		907	1307	0	400	
2	1091	1393	0	302	0	70	0	70		1091	1463	0	372	
3	8804	11100	0	2296	0	332	0	332		8804	11432	0	2628	
4	960	1152	0	192	0	152	0	152		960	1304	0	344	
5	2205	1614	591	0	591	92	499	0		2205	1706	499	0	
6	1049	1075	0	26	0	88	0	88		1049	1163	0	114	
7	1562	1141	421	0	421	84	337	0		1562	1225	337	0	
8	1366	1752	0	386	0	162	0	162		1366	1914	0	548	
9	1994	1984	10	0	10	96	0	86		1994	2080	0	86	
10	1081	705	376	0	376	28	348	0		1081	733	348	0	
STATE TOTALS	21019	23121	*****	2102	1398	1206	192	*****		21019	24327	*****	3308	

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	170	0	170	907	1477	0	570	
2	0	90	0	90	1091	1553	0	462	
3	0	615	0	615	8804	12047	0	3243	
4	0	365	0	365	960	1669	0	709	
5	499	168	331	0	2205	1874	331	0	
6	0	161	0	161	1049	1324	0	275	
7	337	162	175	0	1562	1387	175	0	
8	0	323	0	323	1366	2237	0	871	
9	0	157	0	157	1994	2237	0	243	
10	348	35	313	0	1081	768	313	0	
STATE TOTALS	1184	2246	*****	1062	21019	26573	*****	1062	

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.8. DEMAND AND SERVICE ANALYSIS
FOR CHILDREN: BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	180	136	44	15	0	15	195	136	59
PRE-SCHOOL	650	489	160	55	0	55	705	489	215
SCHOOL-AGE	373	281	92	31	0	31	404	281	123
DISTRICT TOTALS	1205	907	298	102	0	102	1307	907	400
2 INFANT	208	163	45	10	0	10	218	163	55
PRE-SCHOOL	752	589	163	37	0	37	789	589	200
SCHOOL-AGE	431	338	93	21	0	21	452	338	114
DISTRICT TOTALS	1393	1091	302	70	0	70	1463	1091	372
3 INFANT	1665	1320	344	49	0	49	1714	1320	393
PRE-SCHOOL	5993	4754	1239	179	0	179	6172	4754	1418
SCHOOL-AGE	3441	2729	711	102	0	102	3543	2729	813
DISTRICT TOTALS	11100	8804	2296	332	0	332	11432	8804	2628
4 INFANT	172	144	28	22	0	22	194	144	50
PRE-SCHOOL	622	518	103	82	0	82	704	518	185
SCHOOL-AGE	357	297	59	47	0	47	404	297	106
DISTRICT TOTALS	1152	960	192	152	0	152	1304	960	344
5 INFANT	242	242	0	13	13	0	255	255	0
PRE-SCHOOL	871	871	0	49	49	0	920	920	0
SCHOOL-AGE	500	500	0	28	28	0	528	528	0
DISTRICT TOTALS	1614	1614	0	92	92	0	1706	1706	0
6 INFANT	161	157	3	13	0	13	174	157	16
PRE-SCHOOL	580	566	14	47	0	47	627	566	61
SCHOOL-AGE	333	325	8	27	0	27	360	325	35
DISTRICT TOTALS	1075	1049	26	88	0	88	1163	1049	114
7 INFANT	171	171	0	12	12	0	183	183	0
PRE-SCHOOL	616	616	0	45	45	0	661	661	0
SCHOOL-AGE	353	353	0	26	26	0	379	379	0
DISTRICT TOTALS	1141	1141	0	84	84	0	1225	1225	0
8 INFANT	262	204	57	24	0	24	286	204	81
PRE-SCHOOL	946	737	208	87	0	87	1033	737	295
SCHOOL-AGE	543	423	119	50	0	50	593	423	169
DISTRICT TOTALS	1752	1366	386	162	0	162	1914	1366	548
9 INFANT	297	297	0	14	1	12	311	298	12
PRE-SCHOOL	1071	1071	0	51	5	46	1122	1076	46
SCHOOL-AGE	615	615	0	29	3	26	644	618	26
DISTRICT TOTALS	1984	1984	0	95	10	86	2080	1994	86
10 INFANT	105	105	0	4	4	0	109	109	0
PRE-SCHOOL	380	380	0	15	15	0	395	395	0
SCHOOL-AGE	218	218	0	8	8	0	226	226	0
DISTRICT TOTALS	705	705	0	28	28	0	733	733	0
STATE TOTALS									
INFANT	3463	2939	521	176	30	145	3639	2969	666
PRE-SCHOOL	12481	10591	1887	647	114	533	13128	10705	2420
SCHOOL-AGE	7164	6079	1082	369	65	304	7533	6144	1386
STATE GRAND TOTAL	23121	19621	3500	1206	214	992	24327	19835	4492

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICTS	NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	25	0	25	220	136	84
PRE-SCHOOL	91	0	91	796	489	306
SCHOOL-AGE	52	0	52	456	281	175
DISTRICT TOTALS	170	0	170	1477	907	570
2 INFANT	13	0	13	231	163	68
PRE-SCHOOL	48	0	48	837	589	248
SCHOOL-AGE	27	0	27	479	338	141
DISTRICT TOTALS	90	0	90	1553	1091	462
3 INFANT	92	0	92	1806	1320	485
PRE-SCHOOL	332	0	332	6504	4754	1750
SCHOOL-AGE	190	0	190	3733	2729	1003
DISTRICT TOTALS	615	0	615	12047	8804	3243
4 INFANT	54	0	54	248	144	104
PRE-SCHOOL	197	0	197	901	518	382
SCHOOL-AGE	113	0	113	517	297	219
DISTRICT TOTALS	365	0	365	1669	960	709
5 INFANT	25	25	0	280	280	0
PRE-SCHOOL	90	90	0	1010	1010	0
SCHOOL-AGE	52	52	0	580	580	0
DISTRICT TOTALS	168	168	0	1874	1874	0
6 INFANT	24	0	24	198	157	40
PRE-SCHOOL	86	0	86	713	566	147
SCHOOL-AGE	49	0	49	409	325	84
DISTRICT TOTALS	161	0	161	1324	1049	275
7 INFANT	24	24	0	207	207	0
PRE-SCHOOL	87	87	0	748	748	0
SCHOOL-AGE	50	50	0	429	429	0
DISTRICT TOTALS	162	162	0	1387	1387	0
8 INFANT	48	0	48	334	204	129
PRE-SCHOOL	174	0	174	1207	737	469
SCHOOL-AGE	100	0	100	693	423	269
DISTRICT TOTALS	323	0	323	2237	1366	871
9 INFANT	23	0	23	334	298	35
PRE-SCHOOL	84	0	84	1206	1076	130
SCHOOL-AGE	48	0	48	692	618	74
DISTRICT TOTALS	157	0	157	2237	1994	243
10 INFANT	5	5	0	114	114	0
PRE-SCHOOL	18	18	0	413	413	0
SCHOOL-AGE	10	10	0	236	236	0
DISTRICT TOTALS	35	35	0	768	768	0
STATE TOTALS						
INFANT	333	54	279	3972	3023	945
PRE-SCHOOL	1207	195	1012	14335	10900	3432
SCHOOL-AGE	691	112	579	8224	6256	1965
STATE GRAND TOTAL	2246	365	1881	26573	20200	6373

SIMULATION CLOCK INDICATES TIME PERIOD: 1

M.9. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILDO	DHR INCOME ELIGIBLE SERVED ON A		DHR INCOME ELIGIBLE SERVED ON A		TOTALS DHR INCOME ELIGIBLE SERVED ON A	
		FREE BASIS DAY CARE	FREE BASIS CARE COST	FEE BASIS DAY CARE	FEE BASIS CARE COST	FREE/FEE BASIS DAY CARE	TOTALS CARE COST
1 INFANT	1472.	136	200217.	0	0.	136	200217.
PRE-SCHOOL	981.	489	479931.	0	0.	489	479931.
SCHOOL-AGE	736.	281	206841.	0	0.	281	206841.
DISTRICT TOTALS		907	886989.	0	0.	907	886989.
2 INFANT	1737.	163	283105.	0	0.	163	283105.
PRE-SCHOOL	1158.	589	682000.	0	0.	589	682000.
SCHOOL-AGE	888.	338	293526.	0	0.	338	293526.
DISTRICT TOTALS		1091	1258632.	0	0.	1091	1258632.
3 INFANT	2358.	1320	3112421.	0	0.	1320	3112421.
PRE-SCHOOL	1572.	4754	7472954.	0	0.	4754	7472954.
SCHOOL-AGE	1179.	2729	3217347.	0	0.	2729	3217347.
DISTRICT TOTALS		8804	13802723.	0	0.	8804	13802723.
4 INFANT	842.	144	121263.	0	0.	144	121263.
PRE-SCHOOL	561.	518	290807.	0	0.	518	290807.
SCHOOL-AGE	421.	297	125053.	0	0.	297	125053.
DISTRICT TOTALS		960	537123.	0	0.	960	537123.
5 INFANT	1585.	242	383561.	13	20605.	255	404165.
PRE-SCHOOL	1057.	871	920335.	49	51775.	920	972110.
SCHOOL-AGE	792.	500	396241.	28	22189.	528	418430.
DISTRICT TOTALS		1614	1700136.	92	94569.	1706	1794706.
6 INFANT	1247.	157	195719.	0	0.	157	195719.
PRE-SCHOOL	831.	566	470390.	0	0.	566	470390.
SCHOOL-AGE	623.	325	202575.	0	0.	325	202575.
DISTRICT TOTALS		1049	868684.	0	0.	1049	868684.
7 INFANT	1317.	171	225257.	12	15808.	183	241065.
PRE-SCHOOL	878.	616	540968.	45	39519.	661	580487.
SCHOOL-AGE	659.	353	232502.	26	17125.	379	249627.
DISTRICT TOTALS		1141	998728.	84	72451.	1225	1071179.
8 INFANT	859.	204	175164.	0	0.	204	175164.
PRE-SCHOOL	572.	737	421882.	0	0.	737	421882.
SCHOOL-AGE	429.	423	181604.	0	0.	423	181604.
DISTRICT TOTALS		1366	778649.	0	0.	1366	778649.
9 INFANT	1647.	297	489045.	1	1647.	298	490692.
PRE-SCHOOL	1098.	1071	1175684.	5	5489.	1076	1181173.
SCHOOL-AGE	823.	615	506335.	3	2470.	618	508805.
DISTRICT TOTALS		1984	2171064.	10	9605.	1994	2180669.
10 INFANT	1869.	105	196263.	4	7477.	109	203740.
PRE-SCHOOL	1246.	380	473524.	15	18692.	395	492216.
SCHOOL-AGE	935.	218	203740.	8	7477.	226	211217.
DISTRICT TOTALS		705	873527.	28	33645.	733	907172.
STATE TOTALS							
INFANT		2939	5382015.	30	45535.	2969	5427550.
PRE-SCHOOL		10591	12928475.	114	115475.	10705	13043950.
SCHOOL-AGE		6079	5565764.	65	49261.	6144	5615025.
STATE GRAND TOTAL		19621	23876254.	214	210271.	19835	24086525.

SIMULATION CLOCK INDICATES TIME PERIOD: 1

DHR DISTRICT		COST/CHILD	NON-DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		TOTALS: DHR/NON-DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
			DAY CARE	CARE COST	DAY CARE	CARE COST
1	INFANT	1472.	0	0.	220	200217.
	PRE-SCHOOL	981.	0	0.	796	479931.
	SCHOOL-AGE	736.	0	0.	456	206841.
	DISTRICT TOTALS		0	0.	907	886989.
2	INFANT	1737.	0	0.	231	283105.
	PRE-SCHOOL	1158.	0	0.	837	682000.
	SCHOOL-AGE	868.	0	0.	479	293526.
	DISTRICT TOTALS		0	0.	1091	1258632.
3	INFANT	2358.	0	0.	1806	3112421.
	PRE-SCHOOL	1572.	0	0.	6504	7472954.
	SCHOOL-AGE	1179.	0	0.	3733	3217347.
	DISTRICT TOTALS		0	0.	8804	13802723.
4	INFANT	842.	0	0.	248	121263.
	PRE-SCHOOL	561.	0	0.	981	298887.
	SCHOOL-AGE	421.	0	0.	517	125053.
	DISTRICT TOTALS		0	0.	960	537123.
5	INFANT	1585.	25	39624.	280	443789.
	PRE-SCHOOL	1057.	90	95098.	1010	1067208.
	SCHOOL-AGE	752.	52	41209.	580	459639.
	DISTRICT TOTALS		168	175931.	1874	1970637.
6	INFANT	1247.	0	0.	198	195719.
	PRE-SCHOOL	831.	0	0.	713	470390.
	SCHOOL-AGE	623.	0	0.	409	202575.
	DISTRICT TOTALS		0	0.	1049	868684.
7	INFANT	1317.	24	31615.	207	272680.
	PRE-SCHOOL	878.	87	76403.	748	656890.
	SCHOOL-AGE	659.	50	32932.	429	282559.
	DISTRICT TOTALS		162	140950.	1387	1212129.
8	INFANT	859.	0	0.	334	175164.
	PRE-SCHOOL	572.	0	0.	1207	421882.
	SCHOOL-AGE	429.	0	0.	693	181604.
	DISTRICT TOTALS		0	0.	1366	778649.
9	INFANT	1647.	0	0.	334	490692.
	PRE-SCHOOL	1098.	0	0.	1206	1181173.
	SCHOOL-AGE	823.	0	0.	692	508805.
	DISTRICT TOTALS		0	0.	1994	2180669.
10	INFANT	1869.	5	9346.	114	213086.
	PRE-SCHOOL	1246.	18	22430.	413	514646.
	SCHOOL-AGE	935.	10	9346.	236	220562.
	DISTRICT TOTALS		35	41122.	768	948294.
STATE TOTALS						
	INFANT		54	80585.	3023	5508135.
	PRE-SCHOOL		195	193931.	10900	13237881.
	SCHOOL-AGE		112	83487.	6256	5694512.
STATE GRAND TOTAL			365	358003.	20200	24444528.

M.10. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	886989.	0.	886989.	0.	886989.	0.
2	1258632.	0.	1258632.	0.	1258632.	0.
3	13802723.	0.	13802723.	0.	13802723.	0.
4	537123.	0.	537123.	0.	537123.	0.
5	1700136.	94569.	1794706.	64083.	1730623.	64083.
6	868684.	0.	868684.	0.	868684.	0.
7	998728.	72451.	1071179.	47917.	1023262.	47917.
8	778649.	0.	778649.	0.	778649.	0.
9	2171064.	9605.	2180669.	7266.	2173403.	7266.
10	873527.	33645.	907172.	23741.	883431.	23741.
STATE TOTALS	23876254.	210271.	24086525.	143007.	23943518.	143007.

NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	175931.	175931.	164846.	11085.	164846.
6	0.	0.	0.	0.	0.
7	140950.	140950.	129823.	11127.	129823.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	41122.	41122.	41122.	0.	41122.
STATE TOTALS	358003.	358003.	335791.	22212.	335791.

TOTALS* DHR/NON-CHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	886989.	0.	886989.	0.
2	1258632.	0.	1258632.	0.
3	13802723.	0.	13802723.	0.
4	537123.	0.	537123.	0.
5	1970637.	228929.	1741708.	228929.
6	868684.	0.	868684.	0.
7	1212129.	177740.	1034389.	177740.
8	778649.	0.	778649.	0.
9	2180669.	7266.	2173403.	7266.
10	948294.	64863.	883431.	64863.
STATE TOTALS	24444528.	478798.	23965730.	478798.

APPENDIX N

ANNUAL RATE OF CHANGE IN FAMILY MATRIX
SENSITIVITY ANALYSIS RUN RESULTS:
TIME PERIODS 2 AND 5

SIMULATION CLOCK INDICATES TIME PERIOD: 2

OHR DISTRICT NO. 3

N.I. FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	3649	1622	1054	648	567	324	81	81	81
\$1-1,999	*****	5803	1865	1140	621	414	310	103	103	103
\$2-2,999	*****	6221	2111	1333	555	444	111	111	111	111
\$3-3,999	*****	6091	2907	1799	1246	692	553	276	138	138
\$4-4,999	*****	6693	3591	2285	1469	979	653	326	163	163
\$5-5,999	*****	7388	4167	3031	1894	1136	757	189	189	189
\$6-6,999	*****	7072	4445	3637	2020	1212	1010	404	202	202
\$7-7,999	*****	7823	5452	4741	2607	1422	948	237	237	237
\$8-8,999	*****	7791	6232	5453	3116	1558	1038	259	259	259
\$9-9,999	*****	7283	5826	5098	2913	1456	971	242	242	242
\$10-11,999	*****	12644	11671	11671	5808	2917	1459	486	486	486
\$12-14,999	*****	14974	13822	13822	8063	3455	1727	576	576	576
\$15,000+	*****	16904	16904	18374	11760	5145	2205	735	735	735

SIMULATION CLOCK INDICATES TIME PERIOD: 2

OHR DISTRICT NO. 4

FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	1184	344	236	129	86	86	43	21	21
\$1-1,999	*****	2943	664	379	237	189	142	94	47	47
\$2-2,999	*****	2571	890	544	395	247	98	49	49	98
\$3-3,999	*****	1905	977	635	488	342	244	146	48	97
\$4-4,999	*****	1979	1244	848	565	395	339	113	56	113
\$5-5,999	*****	1893	1451	1199	757	378	315	126	63	126
\$6-6,999	*****	1757	1496	1301	846	455	260	130	130	325
\$7-7,999	*****	1586	1522	1395	824	444	317	126	63	63
\$8-8,999	*****	1241	1354	1354	846	395	225	112	56	56
\$9-9,999	*****	1256	1370	1370	856	399	228	114	57	57
\$10-11,999	*****	1807	2283	2568	1426	761	380	190	95	95
\$12-14,999	*****	1593	2013	2264	1258	671	335	167	83	83
\$15,000+	*****	3375	3712	4556	2700	1350	675	168	168	168

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICT NO. 3

N.I. FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	3530	1569	1019	627	549	313	78	78	78
\$1-1,999	*****	5580	1793	1096	597	398	298	99	99	99
\$2-2,999	*****	6073	2060	1301	542	433	108	108	108	108
\$3-3,999	*****	6018	2872	1778	1231	683	547	273	136	136
\$4-4,999	*****	6978	3744	2382	1531	1021	680	340	170	170
\$5-5,999	*****	7933	4475	3254	2034	1220	813	203	203	203
\$6-6,999	*****	7751	4872	3986	2214	1328	1107	442	221	221
\$7-7,999	*****	9030	6294	5473	3010	1642	1094	273	273	273
\$8-8,999	*****	9279	7423	6495	3711	1855	1237	309	309	309
\$9-9,999	*****	8455	6764	5918	3382	1691	1127	281	281	281
\$10-11,999	*****	13656	12606	12606	7353	3151	1575	525	525	525
\$12-14,999	*****	15612	14411	14411	8406	3602	1801	600	600	600
\$15,000+	*****	17469	17469	18988	12152	5316	2278	759	759	759

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICT NO. 4

FAMILIES IN GEORGIA
BY DISTRICT: FAMILY INCOME AND SIZE

INCOME LEVEL	FAMILY MEMBERS									
	1	2	3	4	5	6	7	8	9	10+
<\$1,000	*****	1155	336	231	126	84	84	42	21	21
\$1-1,999	*****	2847	642	367	229	183	137	91	45	45
\$2-2,999	*****	2533	876	535	389	243	97	48	48	97
\$3-3,999	*****	1888	968	629	484	338	242	145	48	96
\$4-4,999	*****	2039	1282	874	582	407	349	116	58	116
\$5-5,999	*****	1997	1531	1265	799	399	332	133	66	133
\$6-6,999	*****	1936	1649	1434	932	502	286	143	143	358
\$7-7,999	*****	1784	1712	1570	927	499	356	142	71	71
\$8-8,999	*****	1416	1545	1545	965	450	257	128	64	64
\$9-9,999	*****	1404	1532	1532	957	446	255	127	63	63
\$10-11,999	*****	1998	2524	2839	1577	841	420	210	105	105
\$12-14,999	*****	1706	2155	2424	1347	718	359	179	89	89
\$15,000+	*****	3677	4045	4964	2941	1470	735	183	183	183

SIMULATION CLOCK INDICATES TIME PERIOD: 2

N.2. SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN: BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE				TOTALS:DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE			
OHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	940	1229	0	289	0	138	0	138	940	1367	0	427
2	1119	1428	0	309	0	112	0	112	1119	1540	0	421
3	9269	11423	0	2154	0	676	0	676	9269	12099	0	2830
4	1029	1181	0	152	0	171	0	171	1029	1352	0	323
5	2195	1656	539	0	539	139	400	0	2195	1795	400	0
6	1062	1093	0	31	0	108	0	108	1062	1201	0	139
7	1558	1172	386	0	386	111	275	0	1558	1283	275	0
8	1440	1785	0	345	0	189	0	189	1440	1974	0	534
9	2022	2028	2	0	2	153	0	151	2022	2173	0	151
10	1071	722	349	0	349	51	298	0	1071	773	298	0
STATE TOTALS	21705	23709*****		2004	1276	1848*****		572	21705	25557*****		3852

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS:DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE			
OHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	0	253	0	253	940	1620	0	680
2	0	172	0	172	1119	1712	0	593
3	0	1248	0	1248	9269	13347	0	4078
4	0	422	0	422	1029	1774	0	745
5	400	283	117	0	2195	2078	117	0
6	0	215	0	215	1062	1416	0	354
7	275	224	51	0	1558	1507	51	0
8	0	377	0	377	1440	2351	0	911
9	0	285	0	285	2022	2458	0	436
10	298	77	221	0	1071	850	221	0
STATE TOTALS	973	3556*****		2583	21705	29113*****		2583

N.2. SUPPLY AND DEMAND ANALYSIS FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		
1	1043	1328	0	285	0	157	0	157	1043	1485	0	442		
2	1209	1535	0	326	0	125	0	125	1209	1660	0	451		
3	10621	12499	0	1878	0	793	0	793	10621	13292	0	2671		
4	1223	1255	0	32	0	199	0	199	1223	1454	0	231		
5	2184	1752	432	0	432	155	277	0	2184	1907	277	0		
6	1107	1173	0	66	0	122	0	122	1107	1295	0	188		
7	1557	1243	314	0	314	124	190	0	1557	1367	190	0		
8	1653	1892	0	239	0	215	0	215	1653	2107	0	454		
9	2116	2157	0	41	0	170	0	170	2116	2327	0	211		
10	1050	778	272	0	272	56	216	0	1050	834	216	0		
STATE TOTALS	23763	25612*****		1849	1018	2116*****		1098	23763	27728*****		3965		

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	277	0	277	1043	1762	0	719	
2	0	191	0	191	1209	1851	0	642	
3	0	1322	0	1322	10621	14614	0	3993	
4	0	463	0	463	1223	1917	0	694	
5	277	313	0	36	2184	2220	0	36	
6	0	236	0	236	1107	1531	0	424	
7	190	240	0	50	1557	1607	0	50	
8	0	409	0	409	1653	2516	0	863	
9	0	307	0	307	2116	2634	0	518	
10	216	89	127	0	1050	923	127	0	
STATE TOTALS	683	3847*****		3164	23763	31575*****		3164	

SIMULATION CLOCK INDICATES TIME PERIOD: 2

N.3. DEMAND AND SERVICE ANALYSIS
FOR CHILDREN BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	184	141	43	20	0	20	204	141	63
PRE-SCHOOL	663	507	156	74	0	74	737	507	230
SCHOOL-AGE	380	291	89	42	0	42	422	291	131
DISTRICT TOTALS	1229	940	289	138	0	138	1367	940	427
2 INFANT	214	167	46	16	0	16	230	167	62
PRE-SCHOOL	771	604	166	60	0	60	831	604	226
SCHOOL-AGE	442	346	95	34	0	34	476	346	129
DISTRICT TOTALS	1428	1119	309	112	0	112	1540	1119	421
3 INFANT	1713	1390	323	101	0	101	1814	1390	424
PRE-SCHOOL	6168	5005	1163	365	0	365	6533	5005	1528
SCHOOL-AGE	3541	2873	667	209	0	209	3750	2873	876
DISTRICT TOTALS	11423	9269	2154	676	0	676	12099	9269	2830
4 INFANT	177	154	22	25	0	25	202	154	47
PRE-SCHOOL	637	555	82	92	0	92	729	555	174
SCHOOL-AGE	366	318	47	53	0	53	419	318	100
DISTRICT TOTALS	1181	1029	152	171	0	171	1352	1029	323
5 INFANT	248	248	0	20	20	0	268	268	0
PRE-SCHOOL	894	894	0	75	75	0	969	969	0
SCHOOL-AGE	513	513	0	43	43	0	556	556	0
DISTRICT TOTALS	1656	1656	0	139	139	0	1795	1795	0
6 INFANT	163	159	4	16	0	16	179	159	20
PRE-SCHOOL	590	573	16	58	0	58	648	573	74
SCHOOL-AGE	338	329	9	33	0	33	371	329	42
DISTRICT TOTALS	1093	1062	31	108	0	108	1201	1062	139
7 INFANT	175	175	0	16	16	0	191	191	0
PRE-SCHOOL	632	632	0	59	59	0	691	691	0
SCHOOL-AGE	363	363	0	34	34	0	397	397	0
DISTRICT TOTALS	1172	1172	0	111	111	0	1283	1283	0
8 INFANT	267	216	51	24	0	24	295	216	79
PRE-SCHOOL	963	777	186	102	0	102	1065	777	288
SCHOOL-AGE	553	446	106	58	0	58	611	446	164
DISTRICT TOTALS	1785	1440	345	189	0	189	1974	1440	534
9 INFANT	303	303	0	22	0	22	325	303	22
PRE-SCHOOL	1090	1090	0	82	1	81	1172	1091	81
SCHOOL-AGE	626	626	0	47	0	46	673	626	46
DISTRICT TOTALS	2020	2020	0	153	2	151	2173	2022	151
10 INFANT	108	108	0	7	7	0	115	115	0
PRE-SCHOOL	389	389	0	27	27	0	416	416	0
SCHOOL-AGE	223	223	0	15	15	0	238	238	0
DISTRICT TOTALS	722	722	0	51	51	0	773	773	0
STATE TOTALS									
INFANT	3552	3061	489	271	43	228	3823	3104	717
PRE-SCHOOL	12797	11026	1769	994	162	832	13791	11188	2601
SCHOOL-AGE	7345	6320	1013	568	92	475	7913	6420	1488
STATE GRAND TOTAL	23709	20429	3280	1848	303	1545	25557	20732	4825

SIMULATION CLOCK INDICATES TIME PERIOD: 2

DMR DISTRICTS	NON-DMR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS:DMR/NON-DMR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	37	0	37	241	141	100
PRE-SCHOOL	136	0	136	873	507	366
SCHOOL-AGE	78	0	78	500	291	209
DISTRICT TOTALS	253	0	253	1620	940	680
2 INFANT	25	0	25	255	167	87
PRE-SCHOOL	92	0	92	923	604	318
SCHOOL-AGE	53	0	53	529	346	182
DISTRICT TOTALS	172	0	172	1712	1119	593
3 INFANT	187	0	187	2001	1390	611
PRE-SCHOOL	673	0	673	7206	5005	2201
SCHOOL-AGE	386	0	386	4136	2873	1262
DISTRICT TOTALS	1248	0	1248	13347	9269	4078
4 INFANT	63	0	63	265	154	110
PRE-SCHOOL	227	0	227	956	555	401
SCHOOL-AGE	130	0	130	549	318	230
DISTRICT TOTALS	422	0	422	1774	1029	745
5 INFANT	42	42	0	310	310	0
PRE-SCHOOL	152	152	0	1121	1121	0
SCHOOL-AGE	87	87	0	643	643	0
DISTRICT TOTALS	283	283	0	2078	2078	0
6 INFANT	32	0	32	211	159	52
PRE-SCHOOL	116	0	116	764	573	190
SCHOOL-AGE	66	0	66	437	329	108
DISTRICT TOTALS	215	0	215	1416	1062	354
7 INFANT	33	33	0	224	224	0
PRE-SCHOOL	120	120	0	811	811	0
SCHOOL-AGE	69	69	0	466	466	0
DISTRICT TOTALS	224	224	0	1507	1507	0
8 INFANT	56	0	56	351	216	135
PRE-SCHOOL	203	0	203	1268	777	491
SCHOOL-AGE	116	0	116	727	446	280
DISTRICT TOTALS	377	0	377	2351	1440	911
9 INFANT	42	0	42	367	303	64
PRE-SCHOOL	153	0	153	1325	1091	234
SCHOOL-AGE	88	0	88	761	626	134
DISTRICT TOTALS	285	0	285	2458	2022	436
10 INFANT	11	11	0	126	126	0
PRE-SCHOOL	41	41	0	457	457	0
SCHOOL-AGE	23	23	0	261	261	0
DISTRICT TOTALS	77	77	0	850	850	0
STATE TOTALS						
INFANT	528	86	442	4351	3190	1159
PRE-SCHOOL	1913	313	1600	15704	11581	4201
SCHOOL-AGE	1096	179	917	9009	6599	2405
STATE GRAND TOTAL	3556	584	2972	29113	21316	7797

N.3.DEMAND AND SERVICE ANALYSIS
FOR CHILDREN: BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	199	156	42	23	0	23	222	156	65
PRE-SCHOOL	717	563	153	84	0	84	801	563	237
SCHOOL-AGE	411	323	88	48	0	48	459	323	136
DISTRICT TOTALS	1328	1043	285	157	0	157	1485	1043	442
2 INFANT	230	181	48	18	0	18	248	181	66
PRE-SCHOOL	828	652	176	67	0	67	895	652	243
SCHOOL-AGE	475	374	101	38	0	38	513	374	139
DISTRICT TOTALS	1535	1209	326	125	0	125	1660	1209	451
3 INFANT	1874	1593	281	118	0	118	1992	1593	399
PRE-SCHOOL	6749	5735	1014	428	0	428	7177	5735	1442
SCHOOL-AGE	3874	3292	582	245	0	245	4119	3292	827
DISTRICT TOTALS	12499	10621	1878	793	0	793	13292	10621	2671
4 INFANT	188	183	4	29	0	29	217	183	33
PRE-SCHOOL	677	660	17	107	0	107	784	660	124
SCHOOL-AGE	389	379	9	61	0	61	450	379	70
DISTRICT TOTALS	1255	1223	32	199	0	199	1454	1223	231
5 INFANT	262	262	0	23	23	0	285	285	0
PRE-SCHOOL	946	946	0	83	83	0	1029	1029	0
SCHOOL-AGE	543	543	0	48	48	0	591	591	0
DISTRICT TOTALS	1752	1752	0	155	155	0	1907	1907	0
6 INFANT	175	166	9	18	0	18	193	166	27
PRE-SCHOOL	633	597	35	65	0	65	698	597	100
SCHOOL-AGE	363	343	20	37	0	37	400	343	57
DISTRICT TOTALS	1173	1107	66	122	0	122	1295	1107	188
7 INFANT	186	186	0	18	18	0	204	204	0
PRE-SCHOOL	671	671	0	66	66	0	737	737	0
SCHOOL-AGE	385	385	0	38	38	0	423	423	0
DISTRICT TOTALS	1243	1243	0	124	124	0	1367	1367	0
8 INFANT	283	247	35	32	0	32	315	247	67
PRE-SCHOOL	1021	892	129	116	0	116	1137	892	245
SCHOOL-AGE	586	512	74	66	0	66	652	512	140
DISTRICT TOTALS	1892	1653	239	215	0	215	2107	1653	454
9 INFANT	323	317	6	25	0	25	348	317	31
PRE-SCHOOL	1164	1142	22	91	0	91	1255	1142	113
SCHOOL-AGE	668	655	12	52	0	52	720	655	64
DISTRICT TOTALS	2157	2116	41	170	0	170	2327	2116	211
10 INFANT	116	116	0	8	8	0	124	124	0
PRE-SCHOOL	420	420	0	30	30	0	450	450	0
SCHOOL-AGE	241	241	0	17	17	0	258	258	0
DISTRICT TOTALS	778	778	0	56	56	0	834	834	0
STATE TOTALS									
INFANT	3836	3407	425	312	49	263	4148	3456	688
PRE-SCHOOL	13826	12278	1546	1137	179	958	14963	12457	2504
SCHOOL-AGE	7935	7047	886	650	103	547	8585	7150	1433
STATE GRAND TOTAL	25612	22745	2867	2116	335	1781	27728	23080	4648

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICTS	NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS: DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	41	0	41	263	156	106
PRE-SCHOOL	149	0	149	950	563	386
SCHOOL-AGE	85	0	85	544	323	221
DISTRICT TOTALS	277	0	277	1757	1043	719
2 INFANT	28	0	28	276	181	94
PRE-SCHOOL	103	0	103	998	652	346
SCHOOL-AGE	59	0	59	572	374	198
DISTRICT TOTALS	191	0	191	1851	1209	642
3 INFANT	198	0	198	2190	1593	597
PRE-SCHOOL	713	0	713	7890	5735	2155
SCHOOL-AGE	409	0	409	4528	3292	1236
DISTRICT TOTALS	1322	0	1322	14614	10621	3993
4 INFANT	69	0	69	286	183	102
PRE-SCHOOL	250	0	250	1034	660	374
SCHOOL-AGE	143	0	143	593	379	213
DISTRICT TOTALS	463	0	463	1917	1223	694
5 INFANT	46	41	5	331	326	5
PRE-SCHOOL	169	149	19	1198	1178	19
SCHOOL-AGE	97	85	11	688	676	11
DISTRICT TOTALS	313	277	36	2220	2184	36
6 INFANT	35	0	35	228	166	62
PRE-SCHOOL	127	0	127	825	597	227
SCHOOL-AGE	73	0	73	473	343	130
DISTRICT TOTALS	236	0	236	1531	1107	424
7 INFANT	36	28	7	240	232	7
PRE-SCHOOL	129	102	26	866	839	26
SCHOOL-AGE	74	58	15	497	481	15
DISTRICT TOTALS	240	190	50	1607	1557	50
8 INFANT	61	0	61	376	247	128
PRE-SCHOOL	220	0	220	1357	892	465
SCHOOL-AGE	126	0	126	778	512	266
DISTRICT TOTALS	409	0	409	2516	1653	863
9 INFANT	46	0	46	394	317	77
PRE-SCHOOL	165	0	165	1420	1142	278
SCHOOL-AGE	95	0	95	815	655	159
DISTRICT TOTALS	307	0	307	2634	2116	518
10 INFANT	13	13	0	137	137	0
PRE-SCHOOL	48	48	0	498	498	0
SCHOOL-AGE	27	27	0	285	285	0
DISTRICT TOTALS	89	89	0	923	923	0
STATE TOTALS						
INFANT	573	82	494	4721	3538	1178
PRE-SCHOOL	2073	299	1772	17036	12756	4276
SCHOOL-AGE	1188	170	1016	9773	7320	2449
STATE GRAND TOTAL	3847	556	3291	31575	23636	7919

N.4. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS: DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	141	166020.	0	0.	141	166020.
PRE-SCHOOL	785.	507	397976.	0	0.	507	397976.
SCHOOL-AGE	589.	291	171318.	0	0.	291	171318.
DISTRICT TOTALS		940	735314.	0	0.	940	735314.
2 INFANT	1389.	167	232042.	0	0.	167	232042.
PRE-SCHOOL	926.	604	559495.	0	0.	604	559495.
SCHOOL-AGE	695.	346	240379.	0	0.	346	240379.
DISTRICT TOTALS		1119	1031916.	0	0.	1119	1031916.
3 INFANT	1886.	1390	2621143.	0	0.	1390	2621143.
PRE-SCHOOL	1257.	5005	6292000.	0	0.	5005	6292000.
SCHOOL-AGE	943.	2873	2708829.	0	0.	2873	2708829.
DISTRICT TOTALS		9269	11621971.	0	0.	9269	11621971.
4 INFANT	674.	154	103747.	0	0.	154	103747.
PRE-SCHOOL	449.	555	249263.	0	0.	555	249263.
SCHOOL-AGE	337.	318	107116.	0	0.	318	107116.
DISTRICT TOTALS		1029	460126.	0	0.	1029	460126.
5 INFANT	1268.	248	314382.	20	25353.	268	339735.
PRE-SCHOOL	845.	894	755531.	75	63383.	969	818914.
SCHOOL-AGE	634.	513	325157.	43	27255.	556	352412.
DISTRICT TOTALS		1656	1395070.	139	115992.	1795	1511062.
6 INFANT	997.	159	158522.	0	0.	159	158522.
PRE-SCHOOL	665.	573	380851.	0	0.	573	380851.
SCHOOL-AGE	498.	329	164005.	0	0.	329	164005.
DISTRICT TOTALS		1062	703378.	0	0.	1062	703378.
7 INFANT	1054.	175	184474.	16	16866.	191	201340.
PRE-SCHOOL	703.	632	444142.	59	41463.	691	485605.
SCHOOL-AGE	527.	363	191326.	34	17920.	397	209246.
DISTRICT TOTALS		1172	819942.	111	76249.	1283	896191.
8 INFANT	687.	216	148439.	0	0.	216	148439.
PRE-SCHOOL	458.	777	355979.	0	0.	777	355979.
SCHOOL-AGE	344.	446	153250.	0	0.	446	153250.
DISTRICT TOTALS		1440	657668.	0	0.	1440	657668.
9 INFANT	1317.	303	399140.	0	0.	303	399140.
PRE-SCHOOL	878.	1090	957233.	1	878.	1091	958111.
SCHOOL-AGE	659.	626	412313.	0	0.	626	412313.
DISTRICT TOTALS		2020	1768686.	2	878.	2022	1769564.
10 INFANT	1495.	108	161432.	7	10463.	115	171895.
PRE-SCHOOL	996.	389	387635.	27	26905.	416	414540.
SCHOOL-AGE	747.	223	166663.	15	11211.	238	177874.
DISTRICT TOTALS		722	715730.	51	48579.	773	764309.
STATE TOTALS							
INFANT		3061	4489340.	43	52683.	3104	4542023.
PRE-SCHOOL		11026	10780105.	162	132630.	11188	10912735.
SCHOOL-AGE		6328	4640355.	92	56386.	6420	4696741.
STATE GRAND TOTAL		20429	19909800.	303	241698.	20732	20151498.

SIMULATION CLOCK INDICATES TIME PERIOD: 2

DHR DISTRICT	COST/CHILDO	NON-DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		TOTALS: DHR/NON-DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	0	0.	241	166020.
PRE-SCHOOL	785.	0	0.	873	397976.
SCHOOL-AGE	589.	0	0.	500	171318.
DISTRICT TOTALS		0	0.	940	735314.
2 INFANT	1389.	0	0.	255	232042.
PRE-SCHOOL	926.	0	0.	923	559495.
SCHOOL-AGE	695.	0	0.	529	240379.
DISTRICT TOTALS		0	0.	1119	1031916.
3 INFANT	1886.	0	0.	2001	2621143.
PRE-SCHOOL	1257.	0	0.	7206	6292000.
SCHOOL-AGE	943.	0	0.	4136	2708829.
DISTRICT TOTALS		0	0.	9269	11621971.
4 INFANT	674.	0	0.	265	103747.
PRE-SCHOOL	449.	0	0.	956	249263.
SCHOOL-AGE	337.	0	0.	549	107116.
DISTRICT TOTALS		0	0.	1029	460126.
5 INFANT	1268.	42	53242.	310	392977.
PRE-SCHOOL	845.	152	128457.	1121	947371.
SCHOOL-AGE	634.	87	55144.	643	407556.
DISTRICT TOTALS		283	236843.	2078	1747905.
6 INFANT	997.	0	0.	211	158522.
PRE-SCHOOL	665.	0	0.	764	380851.
SCHOOL-AGE	488.	0	0.	437	164005.
DISTRICT TOTALS		0	0.	1062	703378.
7 INFANT	1054.	33	34786.	224	236126.
PRE-SCHOOL	703.	120	84331.	811	569936.
SCHOOL-AGE	527.	69	36368.	466	245614.
DISTRICT TOTALS		224	155485.	1507	1051676.
8 INFANT	687.	0	0.	351	148439.
PRE-SCHOOL	458.	0	0.	1268	355979.
SCHOOL-AGE	344.	0	0.	727	153250.
DISTRICT TOTALS		0	0.	1440	657668.
9 INFANT	1317.	0	0.	367	399140.
PRE-SCHOOL	878.	0	0.	1325	958111.
SCHOOL-AGE	659.	0	0.	761	412313.
DISTRICT TOTALS		0	0.	2022	1769564.
10 INFANT	1495.	11	16442.	126	188337.
PRE-SCHOOL	996.	41	40856.	457	455396.
SCHOOL-AGE	747.	23	17189.	261	195063.
DISTRICT TOTALS		77	74488.	850	838796.
STATE TOTALS					
INFANT		86	104471.	3190	4646493.
PRE-SCHOOL		313	253644.	11501	11166379.
SCHOOL-AGE		179	108701.	6599	4805441.
STATE GRAND TOTAL		584	466816.	21316	20618314.

N.4. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME SERVED ON A FREE BASIS DAY CARE	ELIGIBLE FREE BASIS CARE COST	DHR INCOME SERVED ON A FEE BASIS DAY CARE	ELIGIBLE FEE BASIS CARE COST	TOTALS DHR INCOME SERVED ON A FREE/FEE BASIS DAY CARE	ELIGIBLE TOTALS CARE COST
1 INFANT	1177.	156	183681.	0	0.	156	183681.
PRE-SCHOOL	785.	563	441934.	0	0.	563	441934.
SCHOOL-AGE	589.	323	190157.	0	0.	323	190157.
DISTRICT TOTALS		1043	815772.	0	0.	1043	815772.
2 INFANT	1389.	181	251495.	0	0.	181	251495.
PRE-SCHOOL	926.	652	603958.	0	0.	652	603958.
SCHOOL-AGE	695.	374	259832.	0	0.	374	259832.
DISTRICT TOTALS		1209	1115284.	0	0.	1209	1115284.
3 INFANT	1886.	1593	3003943.	0	0.	1593	3003943.
PRE-SCHOOL	1257.	5735	7209714.	0	0.	5735	7209714.
SCHOOL-AGE	943.	3292	3103886.	0	0.	3292	3103886.
DISTRICT TOTALS		10621	13317543.	0	0.	10621	13317543.
4 INFANT	674.	183	123284.	0	0.	183	123284.
PRE-SCHOOL	449.	660	296421.	0	0.	660	296421.
SCHOOL-AGE	337.	379	127663.	0	0.	379	127663.
DISTRICT TOTALS		1223	547368.	0	0.	1223	547368.
5 INFANT	1268.	262	332129.	23	29156.	285	361286.
PRE-SCHOOL	845.	946	799477.	83	70144.	1029	869621.
SCHOOL-AGE	634.	543	344172.	48	30424.	591	374596.
DISTRICT TOTALS		1752	1475778.	155	129725.	1907	1605503.
6 INFANT	997.	166	165501.	0	0.	166	165501.
PRE-SCHOOL	665.	597	396803.	0	0.	597	396803.
SCHOOL-AGE	498.	343	170984.	0	0.	343	170984.
DISTRICT TOTALS		1107	733288.	0	0.	1107	733288.
7 INFANT	1054.	186	196069.	18	18974.	204	215044.
PRE-SCHOOL	703.	671	471550.	66	46382.	737	517932.
SCHOOL-AGE	527.	385	202921.	38	20029.	423	222950.
DISTRICT TOTALS		1243	870540.	124	85385.	1367	955925.
8 INFANT	687.	247	169743.	0	0.	247	169743.
PRE-SCHOOL	458.	892	408666.	0	0.	892	408666.
SCHOOL-AGE	344.	512	175928.	0	0.	512	175928.
DISTRICT TOTALS		1653	754336.	0	0.	1653	754336.
9 INFANT	1317.	317	417582.	0	0.	317	417582.
PRE-SCHOOL	878.	1142	1002899.	0	0.	1142	1002899.
SCHOOL-AGE	659.	655	431414.	0	0.	655	431414.
DISTRICT TOTALS		2116	1851895.	0	0.	2116	1851895.
10 INFANT	1495.	116	173389.	8	11958.	124	185347.
PRE-SCHOOL	996.	420	418526.	30	29895.	450	448421.
SCHOOL-AGE	747.	241	180116.	17	12705.	258	192821.
DISTRICT TOTALS		778	772032.	56	54558.	834	826589.
STATE TOTALS							
INFANT		3407	5016817.	49	60089.	3456	5076905.
PRE-SCHOOL		12278	12049948.	179	146421.	12457	12196369.
SCHOOL-AGE		7047	5187072.	103	63158.	7150	5250230.
STATE GRAND TOTAL		22745	22253837.	335	269668.	23080	22523504.

SIMULATION CLOCK INDICATES TIME PERIOD: 5

DHR DISTRICT	COST/CHILD	NON-DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS DHR/NON-DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	0	0.	263	183681.
PRE-SCHOOL	785.	0	0.	950	441934.
SCHOOL-AGE	589.	0	0.	544	190157.
DISTRICT TOTALS		0	0.	1043	815772.
2 INFANT	1389.	0	0.	276	251495.
PRE-SCHOOL	926.	0	0.	998	603958.
SCHOOL-AGE	695.	0	0.	572	259832.
DISTRICT TOTALS		0	0.	1209	1115284.
3 INFANT	1886.	0	0.	2190	3003943.
PRE-SCHOOL	1257.	0	0.	7890	7209714.
SCHOOL-AGE	943.	0	0.	4528	3103886.
DISTRICT TOTALS		0	0.	10621	13317543.
4 INFANT	674.	0	0.	286	123284.
PRE-SCHOOL	449.	0	0.	1034	296421.
SCHOOL-AGE	337.	0	0.	593	127663.
DISTRICT TOTALS		0	0.	1223	547368.
5 INFANT	1268.	41	51974.	331	413260.
PRE-SCHOOL	845.	149	125922.	1198	995543.
SCHOOL-AGE	634.	85	53876.	688	428472.
DISTRICT TOTALS		277	231772.	2184	1837275.
6 INFANT	997.	0	0.	228	165501.
PRE-SCHOOL	665.	0	0.	825	396803.
SCHOOL-AGE	498.	0	0.	473	170984.
DISTRICT TOTALS		0	0.	1107	733288.
7 INFANT	1054.	28	29516.	240	244559.
PRE-SCHOOL	783.	102	71681.	866	589613.
SCHOOL-AGE	527.	58	30570.	497	253520.
DISTRICT TOTALS		190	131767.	1557	1087692.
8 INFANT	687.	0	0.	376	169743.
PRE-SCHOOL	458.	0	0.	1357	408666.
SCHOOL-AGE	344.	0	0.	778	175928.
DISTRICT TOTALS		0	0.	1653	754336.
9 INFANT	1317.	0	0.	394	417582.
PRE-SCHOOL	878.	0	0.	1420	1002899.
SCHOOL-AGE	659.	0	0.	815	431414.
DISTRICT TOTALS		0	0.	2116	1851895.
10 INFANT	1495.	13	19432.	137	204779.
PRE-SCHOOL	996.	48	47832.	498	496253.
SCHOOL-AGE	747.	27	20179.	285	213000.
DISTRICT TOTALS		89	87442.	923	914032.
STATE TOTALS					
INFANT		42	100922.	3534	5177827.
PRE-SCHOOL		299	245435.	12756	12441804.
SCHOOL-AGE		170	104625.	7320	5354855.
STATE GRAND TOTAL		556	450981.	23616	22974485.

N.5. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DMR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DMR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	735314.	0.	735314.	0.	735314.	0.
2	1031916.	0.	1031916.	0.	1031916.	0.
3	11621971.	0.	11621971.	0.	11621971.	0.
4	460126.	0.	460126.	0.	460126.	0.
5	1395070.	115992.	1511062.	76376.	1434686.	76376.
6	703378.	0.	703378.	0.	703378.	0.
7	819942.	76249.	896191.	50262.	845929.	50262.
8	657668.	0.	657668.	0.	657668.	0.
9	1768686.	878.	1769564.	878.	1768686.	878.
10	715730.	48579.	764309.	33597.	730712.	33597.
STATE TOTALS	19909800.	241698.	20151498.	161113.	19990385.	161113.

NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	236843.	236843.	218337.	18506.	218337.
6	0.	0.	0.	0.	0.
7	155485.	155485.	142373.	13112.	142373.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	74488.	74488.	71071.	3417.	71071.
STATE TOTALS	466816.	466816.	431781.	35034.	431781.

TOTALS:DMR/NON-DMR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DMR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	735314.	0.	735314.	0.
2	1031916.	0.	1031916.	0.
3	11621971.	0.	11621971.	0.
4	460126.	0.	460126.	0.
5	1747905.	294713.	1453192.	294713.
6	703378.	0.	703378.	0.
7	1051676.	192635.	859041.	192635.
8	657668.	0.	657668.	0.
9	1769564.	878.	1768686.	878.
10	838796.	104668.	734128.	104668.
STATE TOTALS	20618314.	592894.	20025420.	592894.

N.5. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COSTS	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	815772.	0.	815772.	0.	815772.	0.
2	1115284.	0.	1115284.	0.	1115284.	0.
3	13317543.	0.	13317543.	0.	13317543.	0.
4	547368.	0.	547368.	0.	547368.	0.
5	1475778.	129725.	1605503.	85143.	1520360.	85143.
6	733288.	0.	733288.	0.	733288.	0.
7	870540.	85385.	955925.	56220.	899705.	56220.
8	754336.	0.	754336.	0.	754336.	0.
9	1851895.	0.	1851895.	0.	1851895.	0.
10	772032.	54558.	826590.	36778.	789811.	36778.
STATE TOTALS	22253837.	269668.	22523504.	178141.	22345363.	178141.

NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	231772.	231772.	213219.	18554.	213219.
6	0.	0.	0.	0.	0.
7	131767.	131767.	120814.	10952.	120814.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	87442.	87442.	81409.	6034.	81409.
STATE TOTALS	450981.	450981.	415442.	35540.	415442.

TOTALS* DHR/ NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	815772.	0.	815772.	0.
2	1115284.	0.	1115284.	0.
3	13317543.	0.	13317543.	0.
4	547368.	0.	547368.	0.
5	1837275.	298362.	1538914.	298362.
6	733288.	0.	733288.	0.
7	1087692.	177035.	910657.	177035.
8	754336.	0.	754336.	0.
9	1851895.	0.	1851895.	0.
10	914032.	118187.	795845.	118187.
STATE TOTALS	22974485.	593583.	22380903.	593583.

APPENDIX O

ANNUAL RATE OF CHANGE IN SUPPLY SCHEDULE
SENSITIVITY ANALYSIS RUN RESULTS:
TIME PERIODS 2 AND 5

0.) SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE				TOTALS:DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE			
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	949	1227	0	278	0	138	0	138	949	1365	0	416
2	1127	1413	0	286	0	112	0	112	1127	1525	0	398
3	9386	11377	0	1991	0	673	0	673	9386	12050	0	2664
4	1047	1179	0	132	0	168	0	168	1047	1347	0	300
5	2192	1651	541	0	541	139	402	0	2192	1790	402	0
6	1066	1093	0	27	0	108	0	108	1066	1201	0	135
7	1556	1161	395	0	395	111	284	0	1556	1272	284	0
8	1458	1778	0	320	0	187	0	187	1458	1965	0	507
9	2029	2017	12	0	12	149	0	137	2029	2166	0	137
10	1490	8045	0	6555	0	556	0	556	1490	8601	0	7111
STATE TOTALS	22300	30941*****		8641	948	2341*****		1393	22300	33282*****		10982

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS:DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE			
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND
1	0	253	0	253	949	1618	0	669
2	0	172	0	172	1127	1697	0	570
3	0	1242	0	1242	9386	13292	0	3906
4	0	421	0	421	1047	1768	0	721
5	402	283	119	0	2192	2073	119	0
6	0	215	0	215	1066	1416	0	350
7	284	224	60	0	1556	1496	60	0
8	0	372	0	372	1458	2337	0	879
9	0	280	0	280	2029	2446	0	417
10	0	831	0	831	1490	9432	0	7942
STATE TOTALS	686	4293*****		3607	22300	37575*****		3607

0.1.SUPPLY AND DEMAND ANALYSIS
FOR CHILDREN BY DISTRICTS

DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE					DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE					TOTALS:DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND		
1	1072	1301	0	229	0	150	0	150	1072	1451	0	379		
2	1233	1499	0	266	0	122	0	122	1233	1621	0	388		
3	10927	12207	0	1280	0	756	0	756	10927	12963	0	2036		
4	1272	1233	39	4	39	190	0	151	1272	1423	0	155		
5	2175	1715	460	0	460	152	308	0	2175	1867	308	0		
6	1118	1149	0	31	0	118	0	118	1118	1267	0	149		
7	1552	1227	325	0	325	122	203	0	1552	1349	203	0		
8	1706	1866	0	160	0	203	0	203	1706	2069	0	363		
9	2139	2112	27	0	27	163	0	136	2139	2275	0	136		
10	2647	8463	0	5816	0	606	0	606	2647	9069	0	6422		
STATE TOTALS	25841	32772*****		6931	851	2582*****		1731	25841	35354*****		9513		

NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE					TOTALS:DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE				
DHR DISTRICTS	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	(SLOTS) SUPPLY	DEMAND	EXCESS SUPPLY	EXCESS DEMAND	
1	0	271	0	271	1072	1722	0	650	
2	0	187	0	187	1233	1800	0	575	
3	0	1309	0	1309	10927	14272	0	3345	
4 ^{day}	0	451	0	451	1272	1874	0	602	
5	308	307	1	0	2175	2174	1	0	
6	0	232	0	232	1118	1499	0	381	
7	203	234	0	31	1552	1583	0	31	
8	0	398	0	398	1706	2467	0	761	
9	0	302	0	302	2139	2577	0	438	
10	0	886	0	886	2647	9955	0	7308	
STATE TOTALS	511	4577*****		4066	25841	39931*****		4066	

0.2 DEMAND AND SERVICE ANALYSIS
FOR CHILDREN BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	184	142	41	20	0	20	204	142	61
PRE-SCHOOL	662	512	150	74	0	74	736	512	224
SCHOOL-AGE	360	294	66	42	0	42	422	294	128
DISTRICT TOTALS	1227	949	276	136	0	136	1365	949	416
2 INFANT	211	169	42	16	0	16	227	169	58
PRE-SCHOOL	763	608	154	60	0	60	823	608	214
SCHOOL-AGE	438	349	88	34	0	34	472	349	122
DISTRICT TOTALS	1413	1127	286	112	0	112	1525	1127	398
3 INFANT	1706	1407	298	100	0	100	1806	1407	398
PRE-SCHOOL	6143	5068	1075	363	0	363	6506	5068	1438
SCHOOL-AGE	3526	2909	617	208	0	208	3734	2909	825
DISTRICT TOTALS	11377	9386	1991	673	0	673	12050	9386	2664
4 INFANT	176	157	19	25	0	25	201	157	44
PRE-SCHOOL	636	565	71	90	0	90	726	565	161
SCHOOL-AGE	365	324	40	52	0	52	417	324	92
DISTRICT TOTALS	1179	1047	132	168	0	168	1347	1047	300
5 INFANT	247	247	0	20	20	0	267	267	0
PRE-SCHOOL	891	891	0	75	75	0	966	966	0
SCHOOL-AGE	511	511	0	43	43	0	554	554	0
DISTRICT TOTALS	1651	1651	0	139	139	0	1790	1790	0
6 INFANT	163	159	4	16	0	16	179	159	20
PRE-SCHOOL	590	575	14	58	0	58	648	575	72
SCHOOL-AGE	338	330	8	33	0	33	371	330	41
DISTRICT TOTALS	1093	1066	27	108	0	108	1201	1066	135
7 INFANT	174	174	0	16	16	0	190	190	0
PRE-SCHOOL	626	626	0	59	59	0	685	685	0
SCHOOL-AGE	359	359	0	34	34	0	393	393	0
DISTRICT TOTALS	1161	1161	0	111	111	0	1272	1272	0
8 INFANT	266	218	48	28	0	28	294	218	76
PRE-SCHOOL	960	787	172	100	0	100	1060	787	272
SCHOOL-AGE	551	451	99	57	0	57	608	451	156
DISTRICT TOTALS	1778	1458	320	187	0	187	1965	1458	507
9 INFANT	302	302	0	22	1	20	324	303	20
PRE-SCHOOL	1089	1089	0	80	6	73	1169	1095	73
SCHOOL-AGE	625	625	0	46	3	42	671	628	42
DISTRICT TOTALS	2017	2017	0	149	12	137	2166	2029	137
10 INFANT	1206	223	983	83	0	83	1289	223	1066
PRE-SCHOOL	4344	804	3539	300	0	300	4644	804	3839
SCHOOL-AGE	2493	461	2032	172	0	172	2665	461	2204
DISTRICT TOTALS	8045	1490	6555	556	0	556	8601	1490	7111
STATE TOTALS									
INFANT	4635	3198	1435	346	37	308	4981	3235	1743
PRE-SCHOOL	16704	11525	5175	1259	140	1118	17963	11665	6293
SCHOOL-AGE	9586	6613	2970	721	80	640	10307	6693	3610
STATE GRAND TOTAL	30941	21352	9589	2341	262	2079	33282	21614	11668

SIMULATION CLOCK INDICATES TIME PERIOD: 2

OHR DISTRICTS	NON-OHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS: OHR/NON-OHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	37	0	37	241	142	98
PRE-SCHOOL	136	0	136	872	512	360
SCHOOL-AGE	78	0	78	500	294	206
DISTRICT TOTALS	253	0	253	1618	949	669
2 INFANT	25	0	25	252	169	83
PRE-SCHOOL	92	0	92	915	608	306
SCHOOL-AGE	53	0	53	525	349	175
DISTRICT TOTALS	172	0	172	1697	1127	570
3 INFANT	186	0	186	1992	1407	584
PRE-SCHOOL	670	0	670	7176	5068	2108
SCHOOL-AGE	395	0	395	4119	2909	1210
DISTRICT TOTALS	1242	0	1242	13292	9386	3906
4 INFANT	63	0	63	264	157	107
PRE-SCHOOL	227	0	227	953	565	388
SCHOOL-AGE	130	0	130	547	324	222
DISTRICT TOTALS	421	0	421	1768	1047	721
5 INFANT	42	42	0	309	309	0
PRE-SCHOOL	152	152	0	1118	1118	0
SCHOOL-AGE	87	87	0	641	641	0
DISTRICT TOTALS	283	283	0	2073	2073	0
6 INFANT	32	0	32	211	159	52
PRE-SCHOOL	116	0	116	764	575	188
SCHOOL-AGE	66	0	66	437	330	107
DISTRICT TOTALS	215	0	215	1416	1066	350
7 INFANT	33	33	0	223	223	0
PRE-SCHOOL	120	120	0	805	805	0
SCHOOL-AGE	69	69	0	462	462	0
DISTRICT TOTALS	224	224	0	1496	1496	0
8 INFANT	55	0	55	349	218	131
PRE-SCHOOL	200	0	200	1260	787	472
SCHOOL-AGE	115	0	115	723	451	271
DISTRICT TOTALS	372	0	372	2337	1458	879
9 INFANT	42	0	42	366	303	62
PRE-SCHOOL	151	0	151	1320	1095	224
SCHOOL-AGE	86	0	86	757	628	128
DISTRICT TOTALS	280	0	280	2446	2029	417
10 INFANT	124	0	124	1413	223	1190
PRE-SCHOOL	448	0	448	5092	804	4287
SCHOOL-AGE	257	0	257	2922	461	2461
DISTRICT TOTALS	831	0	831	9432	1490	7942
STATE TOTALS						
INFANT	639	75	564	5620	3310	2307
PRE-SCHOOL	2312	272	2040	20275	11937	8333
SCHOOL-AGE	1326	156	1170	11633	6849	4780
STATE GRAND TOTAL	4293	507	3786	37575	22121	15454

0.2.DEMAND AND SERVICE ANALYSIS
FOR CHILDREN BY DISTRICT, BY AGE GROUP

DHR DISTRICTS	DHR INCOME ELIGIBLE FREE BASIS PUBLIC DAY CARE			DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAYCARE			TOTALS: DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAYCARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	195	160	34	22	0	22	217	160	56
PRE-SCHOOL	702	576	123	80	0	80	782	578	203
SCHOOL-AGE	403	332	70	46	0	46	449	332	116
DISTRICT TOTALS	1301	1072	229	150	0	150	1451	1072	379
2 INFANT	224	184	39	18	0	18	242	184	57
PRE-SCHOOL	809	665	143	65	0	65	874	665	208
SCHOOL-AGE	464	382	82	37	0	37	501	382	119
DISTRICT TOTALS	1499	1233	266	122	0	122	1621	1233	386
3 INFANT	1831	1639	192	113	0	113	1944	1639	305
PRE-SCHOOL	6591	5900	691	408	0	408	6999	5900	1099
SCHOOL-AGE	3754	3387	396	234	0	234	4018	3387	630
DISTRICT TOTALS	12207	10927	1280	756	0	756	12963	10927	2036
4 INFANT	184	184	0	28	5	22	212	189	22
PRE-SCHOOL	665	665	2	102	21	81	767	686	83
SCHOOL-AGE	382	382	1	58	12	46	440	394	47
DISTRICT TOTALS	1233	1233	4	190	39	151	1423	1272	155
5 INFANT	257	257	0	22	22	0	279	279	0
PRE-SCHOOL	926	926	0	82	82	0	1008	1008	0
SCHOOL-AGE	531	531	0	47	47	0	578	578	0
DISTRICT TOTALS	1715	1715	0	152	152	0	1867	1867	0
6 INFANT	172	167	4	17	0	17	189	167	21
PRE-SCHOOL	620	603	16	63	0	63	683	603	79
SCHOOL-AGE	356	346	9	36	0	36	392	346	45
DISTRICT TOTALS	1149	1118	31	118	0	118	1267	1118	149
7 INFANT	184	184	0	18	18	0	202	202	0
PRE-SCHOOL	662	662	0	65	65	0	727	727	0
SCHOOL-AGE	380	380	0	37	37	0	417	417	0
DISTRICT TOTALS	1227	1227	0	122	122	0	1349	1349	0
8 INFANT	279	255	24	30	0	30	309	255	54
PRE-SCHOOL	1007	921	86	109	0	109	1116	921	195
SCHOOL-AGE	578	528	49	62	0	62	640	528	111
DISTRICT TOTALS	1866	1706	160	203	0	203	2069	1706	363
9 INFANT	316	316	0	24	4	20	340	320	20
PRE-SCHOOL	1140	1140	0	88	14	73	1228	1154	73
SCHOOL-AGE	654	654	0	50	8	42	704	662	42
DISTRICT TOTALS	2112	2112	0	163	27	136	2275	2139	136
10 INFANT	1269	397	872	90	0	90	1359	397	962
PRE-SCHOOL	4570	1429	3140	327	0	327	4897	1429	3467
SCHOOL-AGE	2623	820	1802	187	0	187	2810	820	1989
DISTRICT TOTALS	8463	2647	5816	606	0	606	9069	2647	6422
STATE TOTALS									
INFANT	4911	3743	1165	382	49	332	5293	3792	1497
PRE-SCHOOL	17692	13489	4201	1389	182	1206	19081	13671	5407
SCHOOL-AGE	10155	7742	2409	794	104	690	10949	7846	3099
STATE GRAND TOTAL	32772	24990	7786	2562	340	2242	35354	25330	10028

DHR DISTRICTS	NON-DHR INCOME ELIGIBLE FEE BASIS PUBLIC DAY CARE			TOTALS/DHR/NON-DHR INCOME ELIGIBLE FREE/FEE BASIS PUBLIC DAY CARE		
	DEMAND	SERVED	NOT SERVED	DEMAND	SERVED	NOT SERVED
1 INFANT	40	0	40	257	160	96
PRE-SCHOOL	146	0	146	928	578	349
SCHOOL-AGE	44	0	44	533	332	200
DISTRICT TOTALS	271	0	271	1722	1072	650
2 INFANT	28	0	28	270	184	85
PRE-SCHOOL	100	0	100	974	665	308
SCHOOL-AGE	57	0	57	558	382	176
DISTRICT TOTALS	187	0	187	1808	1233	575
3 INFANT	196	0	196	2140	1639	501
PRE-SCHOOL	706	0	706	7705	5900	1805
SCHOOL-AGE	405	0	405	4423	3387	1035
DISTRICT TOTALS	1309	0	1309	14272	10927	3345
4 INFANT	67	0	67	279	189	89
PRE-SCHOOL	243	0	243	1010	686	326
SCHOOL-AGE	139	0	139	579	394	186
DISTRICT TOTALS	451	0	451	1874	1272	606
5 INFANT	46	46	0	325	325	0
PRE-SCHOOL	165	165	0	1173	1173	0
SCHOOL-AGE	95	95	0	673	673	0
DISTRICT TOTALS	307	307	0	2174	2174	0
6 INFANT	34	0	34	223	167	55
PRE-SCHOOL	125	0	125	808	603	204
SCHOOL-AGE	71	0	71	463	346	116
DISTRICT TOTALS	232	0	232	1499	1118	381
7 INFANT	35	30	4	237	232	4
PRE-SCHOOL	126	109	16	853	836	16
SCHOOL-AGE	72	62	9	489	479	9
DISTRICT TOTALS	234	203	31	1583	1552	31
8 INFANT	59	0	59	368	255	113
PRE-SCHOOL	214	0	214	1330	921	409
SCHOOL-AGE	123	0	123	763	528	234
DISTRICT TOTALS	398	0	398	2467	1706	761
9 INFANT	45	0	45	385	320	65
PRE-SCHOOL	163	0	163	1391	1154	236
SCHOOL-AGE	93	0	93	797	662	135
DISTRICT TOTALS	302	0	302	2577	2139	438
10 INFANT	132	0	132	1491	397	1094
PRE-SCHOOL	478	0	478	5375	1429	3945
SCHOOL-AGE	274	0	274	3084	820	2263
DISTRICT TOTALS	886	0	886	9955	2647	7308
STATE TOTALS						
INFANT	682	76	605	5975	3868	2102
PRE-SCHOOL	2466	274	2191	21547	13945	7598
SCHOOL-AGE	1413	157	1255	12362	8003	4354
STATE GRAND TOTAL	4577	510	4067	39931	25840	14095

0.3.FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT,BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A FREE BASIS		DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	142	167197.	0	0.	142	167197.
PRE-SCHOOL	785.	512	401901.	0	0.	512	401901.
SCHOOL-AGE	589.	294	173084.	0	0.	294	173084.
DISTRICT TOTALS		949	742182.	0	0.	949	742182.
2 INFANT	1389.	169	234821.	0	0.	169	234821.
PRE-SCHOOL	928.	608	563200.	0	0.	608	563200.
SCHOOL-AGE	695.	349	242463.	0	0.	349	242463.
DISTRICT TOTALS		1127	1040484.	0	0.	1127	1040484.
3 INFANT	1886.	1407	2653200.	0	0.	1407	2653200.
PRE-SCHOOL	1257.	5068	6371200.	0	0.	5068	6371200.
SCHOOL-AGE	943.	2909	2742771.	0	0.	2909	2742771.
DISTRICT TOTALS		9386	11767171.	0	0.	9386	11767171.
4 INFANT	674.	157	105768.	0	0.	157	105768.
PRE-SCHOOL	449.	565	253754.	0	0.	565	253754.
SCHOOL-AGE	337.	324	109137.	0	0.	324	109137.
DISTRICT TOTALS		1047	468660.	0	0.	1047	468660.
5 INFANT	1268.	247	313114.	20	25353.	267	338468.
PRE-SCHOOL	845.	891	752995.	75	63383.	966	816379.
SCHOOL-AGE	634.	511	323889.	43	27255.	554	351144.
DISTRICT TOTALS		1651	1389999.	139	115992.	1790	1505991.
6 INFANT	997.	159	158522.	0	0.	159	158522.
PRE-SCHOOL	665.	575	382180.	0	0.	575	382180.
SCHOOL-AGE	498.	330	164504.	0	0.	330	164504.
DISTRICT TOTALS		1066	705206.	0	0.	1066	705206.
7 INFANT	1054.	174	183420.	16	16866.	190	200286.
PRE-SCHOOL	703.	626	439926.	39	41463.	685	481388.
SCHOOL-AGE	527.	359	189217.	34	17920.	393	207138.
DISTRICT TOTALS		1161	812563.	111	76249.	1272	888812.
8 INFANT	627.	218	149814.	0	0.	218	149814.
PRE-SCHOOL	458.	787	360560.	0	0.	787	360560.
SCHOOL-AGE	344.	451	154968.	0	0.	451	154968.
DISTRICT TOTALS		1458	665342.	0	0.	1458	665342.
9 INFANT	1317.	302	397823.	1	1317.	303	399140.
PRE-SCHOOL	878.	1089	956355.	6	5269.	1095	961624.
SCHOOL-AGE	659.	625	411654.	3	1976.	628	413630.
DISTRICT TOTALS		2017	1765832.	12	8562.	2029	1774394.
10 INFANT	1495.	223	333326.	0	0.	223	333326.
PRE-SCHOOL	996.	804	801179.	0	0.	804	801179.
SCHOOL-AGE	747.	461	344537.	0	0.	461	344537.
DISTRICT TOTALS		1490	1479042.	0	0.	1490	1479042.
STATE TOTALS							
INFANT		3198	4697005.	37	43537.	3235	4740541.
PRE-SCHOOL		11525	11283251.	140	110115.	11665	11393366.
SCHOOL-AGE		6613	4856225.	80	47151.	6693	4903376.
STATE GRAND TOTAL		21352	20836480.	262	200803.	21614	21037284.

DHR DISTRICT	COST/CHILD	NON-DHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS: DHR/NON-DHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
		DAY CARE	CARE COST	DAY CARE	CARE COST
1 INFANT	1177.	0	0.	241	167197.
PRE-SCHOOL	785.	0	0.	872	401901.
SCHOOL-AGE	529.	0	0.	500	173084.
DISTRICT TOTALS		0	0.	949	742182.
2 INFANT	1389.	0	0.	252	234821.
PRE-SCHOOL	926.	0	0.	915	563200.
SCHOOL-AGE	695.	0	0.	525	242463.
DISTRICT TOTALS		0	0.	1127	1040484.
3 INFANT	1886.	0	0.	1992	2653200.
PRE-SCHOOL	1257.	0	0.	7176	6371200.
SCHOOL-AGE	943.	0	0.	4119	2742771.
DISTRICT TOTALS		0	0.	9386	11767171.
4 INFANT	674.	0	0.	264	105768.
PRE-SCHOOL	449.	0	0.	953	253754.
SCHOOL-AGE	337.	0	0.	547	109137.
DISTRICT TOTALS		0	0.	1047	468660.
5 INFANT	1268.	42	53242.	309	391710.
PRE-SCHOOL	845.	152	128457.	1118	944836.
SCHOOL-AGE	634.	87	55144.	641	406288.
DISTRICT TOTALS		283	236843.	2073	1742834.
6 INFANT	997.	0	0.	211	158522.
PRE-SCHOOL	665.	0	0.	764	382180.
SCHOOL-AGE	498.	0	0.	437	164504.
DISTRICT TOTALS		0	0.	1066	705206.
7 INFANT	1054.	33	34786.	223	235072.
PRE-SCHOOL	703.	120	84331.	805	565719.
SCHOOL-AGE	527.	69	36368.	462	243505.
DISTRICT TOTALS		224	155485.	1496	1044297.
8 INFANT	687.	0	0.	349	149814.
PRE-SCHOOL	458.	0	0.	1260	360560.
SCHOOL-AGE	344.	0	0.	723	154968.
DISTRICT TOTALS		0	0.	1458	665342.
9 INFANT	1317.	0	0.	366	399140.
PRE-SCHOOL	878.	0	0.	1320	961624.
SCHOOL-AGE	659.	0	0.	757	413630.
DISTRICT TOTALS		0	0.	2029	1774394.
10 INFANT	1495.	0	0.	1413	333326.
PRE-SCHOOL	996.	0	0.	5092	801179.
SCHOOL-AGE	747.	0	0.	2922	344537.
DISTRICT TOTALS		0	0.	1490	1479042.
STATE TOTALS					
INFANT		75	88029.	3310	4828570.
PRE-SCHOOL		272	212788.	11937	11606154.
SCHOOL-AGE		156	91511.	6649	4934887.
STATE GRAND TOTAL		507	392328.	22121	21429612.

0.3. FINANCIAL ANALYSIS FOR PUBLIC DAY CARE
BY DISTRICT, BY AGE

DHR DISTRICT	COST/CHILD	DHR INCOME ELIGIBLE SERVED ON A		DHR INCOME ELIGIBLE SERVED ON A		TOTALS: DHR INCOME ELIGIBLE SERVED ON A	
		FREE BASIS DAY CARE	FREE BASIS CARE COST	FEE BASIS DAY CARE	FEE BASIS CARE COST	FREE/FEE BASIS DAY CARE	TOTALS CARE COST
1 INFANT	1177.	160	188391.	0	0.	160	188391.
PRE-SCHOOL	785.	578	453708.	0	0.	578	453708.
SCHOOL-AGE	589.	332	195456.	0	0.	332	195456.
DISTRICT TOTALS		1072	837555.	0	0.	1072	837555.
2 INFANT	1389.	184	255663.	0	0.	184	255663.
PRE-SCHOOL	926.	665	616000.	0	0.	665	616000.
SCHOOL-AGE	695.	382	265389.	0	0.	382	265389.
DISTRICT TOTALS		1233	1137053.	0	0.	1233	1137053.
3 INFANT	1086.	1639	3090686.	0	0.	1639	3090686.
PRE-SCHOOL	1257.	5900	7417143.	0	0.	5900	7417143.
SCHOOL-AGE	943.	3387	3193457.	0	0.	3387	3193457.
DISTRICT TOTALS		10927	13701286.	0	0.	10927	13701286.
4 INFANT	574.	184	123958.	5	3368.	189	127326.
PRE-SCHOOL	449.	665	298667.	21	9432.	686	308098.
SCHOOL-AGE	337.	382	129674.	12	4042.	394	132716.
DISTRICT TOTALS		1233	551298.	39	16842.	1272	568140.
5 INFANT	1268.	257	325791.	22	27889.	279	353680.
PRE-SCHOOL	845.	926	782574.	62	69299.	1008	851874.
SCHOOL-AGE	634.	531	336566.	47	29790.	578	366356.
DISTRICT TOTALS		1715	1444932.	152	126978.	1867	1571910.
6 INFANT	997.	167	166498.	0	0.	167	166498.
PRE-SCHOOL	665.	603	400791.	0	0.	603	400791.
SCHOOL-AGE	458.	346	172480.	0	0.	346	172480.
DISTRICT TOTALS		1118	739768.	0	0.	1118	739768.
7 INFANT	1054.	184	193961.	18	18974.	202	212935.
PRE-SCHOOL	703.	662	465225.	65	45679.	727	510904.
SCHOOL-AGE	527.	380	200286.	37	19502.	417	219787.
DISTRICT TOTALS		1227	859472.	122	84155.	1349	943627.
8 INFANT	687.	255	175241.	0	0.	255	175241.
PRE-SCHOOL	458.	921	421952.	0	0.	921	421952.
SCHOOL-AGE	344.	528	181426.	0	0.	528	181426.
DISTRICT TOTALS		1706	776618.	0	0.	1706	776618.
9 INFANT	1317.	316	416265.	4	5269.	320	421534.
PRE-SCHOOL	878.	1140	1001143.	14	12295.	1154	1013438.
SCHOOL-AGE	659.	654	430755.	8	5269.	662	436024.
DISTRICT TOTALS		2112	1848162.	27	22833.	2139	1870995.
10 INFANT	1495.	397	593411.	0	0.	397	593411.
PRE-SCHOOL	996.	1429	1423986.	0	0.	1429	1423986.
SCHOOL-AGE	747.	820	612842.	0	0.	820	612842.
DISTRICT TOTALS		2647	2630239.	0	0.	2647	2630239.
STATE TOTALS							
INFANT		3743	5529863.	49	55501.	3792	5585364.
PRE-SCHOOL		13489	13281189.	182	136705.	13671	13417894.
SCHOOL-AGE		7742	5717338.	104	58603.	7846	5775933.
STATE GRAND TOTAL		24990	24528382.	340	250809.	25330	24779191.

OHR DISTRICT		COST/CHILD	NON-OHR INCOME ELIGIBLE SERVED ON A FEE BASIS		TOTALS: DHR/NON-OHR INCOME ELIGIBLE SERVED ON A FREE/FEE BASIS	
			DAY CARE	CARE COST	DAY CARE	CARE COST
1	INFANT	1177.	0	0.	257	188391.
	PRE-SCHOOL	785.	0	0.	928	453708.
	SCHOOL-AGE	589.	0	0.	533	195456.
	DISTRICT TOTALS		0	0.	1072	837555.
2	INFANT	1329.	0	0.	270	255663.
	PRE-SCHOOL	926.	0	0.	974	616000.
	SCHOOL-AGE	695.	0	0.	558	265389.
	DISTRICT TOTALS		0	0.	1233	1137053.
3	INFANT	1886.	0	0.	2140	3090686.
	PRE-SCHOOL	1257.	0	0.	7705	7417143.
	SCHOOL-AGE	343.	0	0.	4423	3193457.
	DISTRICT TOTALS		0	0.	10927	13701286.
4	INFANT	674.	0	0.	279	127326.
	PRE-SCHOOL	449.	0	0.	1010	308098.
	SCHOOL-AGE	337.	0	0.	579	132716.
	DISTRICT TOTALS		0	0.	1272	568140.
5	INFANT	1268.	46	58313.	325	411992.
	PRE-SCHOOL	845.	165	139444.	1173	991317.
	SCHOOL-AGE	634.	95	60214.	673	426571.
	DISTRICT TOTALS		307	257971.	2174	1829880.
6	INFANT	997.	0	0.	223	166498.
	PRE-SCHOOL	665.	0	0.	888	400791.
	SCHOOL-AGE	458.	0	0.	463	172480.
	DISTRICT TOTALS		0	0.	1118	739768.
7	INFANT	1054.	30	31624.	237	244559.
	PRE-SCHOOL	703.	109	76601.	853	587505.
	SCHOOL-AGE	527.	62	32678.	489	252465.
	DISTRICT TOTALS		203	140903.	1552	1084530.
8	INFANT	687.	0	0.	368	175241.
	PRE-SCHOOL	458.	0	0.	1330	421952.
	SCHOOL-AGE	344.	0	0.	763	181426.
	DISTRICT TOTALS		0	0.	1706	778618.
9	INFANT	1317.	0	0.	385	421534.
	PRE-SCHOOL	878.	0	0.	1391	1013438.
	SCHOOL-AGE	659.	0	0.	797	436024.
	DISTRICT TOTALS		0	0.	2139	1870995.
10	INFANT	1495.	0	0.	1491	593611.
	PRE-SCHOOL	996.	0	0.	5375	1423986.
	SCHOOL-AGE	747.	0	0.	3084	612842.
	DISTRICT TOTALS		0	0.	2647	2630239.
STATE TOTALS						
	INFANT		76	89937.	3868	5675301.
	PRE-SCHOOL		274	216044.	13945	13633938.
	SCHOOL-AGE		157	92892.	8003	5868826.
STATE GRAND TOTAL			510	398873.	25840	25178064.

0.4. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

OHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

OHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COST	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	742182.	0.	742182.	0.	742182.	0.
2	1040484.	0.	1040484.	0.	1040484.	0.
3	11767171.	0.	11767171.	0.	11767171.	0.
4	468660.	0.	468660.	0.	468660.	0.
5	1389999.	115992.	1505991.	76376.	1429615.	76376.
6	705206.	0.	705206.	0.	705206.	0.
7	812563.	76249.	888812.	50262.	838550.	50262.
8	665342.	0.	665342.	0.	665342.	0.
9	1765832.	8562.	1774394.	6836.	1767558.	6836.
10	1479042.	0.	1479042.	0.	1479042.	0.
STATE TOTALS	20836460.	200603.	21037264.	133474.	20903810.	133474.

NON-OHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

OHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	236843.	236843.	218337.	18506.	218337.
6	0.	0.	0.	0.	0.
7	155485.	155485.	142373.	13112.	142373.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.
STATE TOTALS	392328.	392328.	360710.	31618.	360710.

TOTALS: OHR/NON-OHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

OHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	742182.	0.	742182.	0.
2	1040484.	0.	1040484.	0.
3	11767171.	0.	11767171.	0.
4	468660.	0.	468660.	0.
5	1742834.	294713.	1448121.	294713.
6	705206.	0.	705206.	0.
7	1044297.	192635.	851662.	192635.
8	665342.	0.	665342.	0.
9	1774394.	6836.	1767558.	6836.
10	1479042.	0.	1479042.	0.
STATE TOTALS	21429612.	494184.	20935428.	494184.

0.4. SUMMARY OF FINANCIAL ANALYSIS
FOR PUBLIC CHILD DAY CARE IN THE STATE

TOTAL COSTS AND FEES FOR ALL CHILDREN SERVED IN THE STATE

DHR INCOME ELIGIBLE CHILDREN USING PUBLIC CHILD DAY CARE SERVICES

DHR DISTRICT	FREE BASIS CARE COSTS	FEE BASIS CARE COSTS	TOTAL NET COSTS	FEE RECEIVED	NET GOVERNMENT COSTS	NET PRIVATE COSTS
1	837555.	0.	837555.	0.	837555.	0.
2	1137053.	0.	1137053.	0.	1137053.	0.
3	13701286.	0.	13701286.	0.	13701286.	0.
4	551298.	16842.	568140.	11228.	556912.	11228.
5	1444932.	126978.	1571910.	83541.	1488368.	83541.
6	739768.	0.	739768.	0.	739768.	0.
7	859472.	84155.	943627.	55099.	888528.	55099.
8	778618.	0.	778618.	0.	778618.	0.
9	1848162.	22833.	1870995.	15396.	1855600.	15396.
10	2630239.	0.	2630239.	0.	2630239.	0.
STATE TOTALS	24526382.	250809.	24779191.	165264.	24613927.	165264.

NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	FEE BASIS CARE COSTS	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	257971.	257971.	236209.	21762.	236209.
6	0.	0.	0.	0.	0.
7	140903.	140903.	128985.	11918.	128985.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.
STATE TOTALS	398873.	398873.	365193.	33680.	365193.

TOTALS: DHR/NON-DHR INCOME ELIGIBLE CHILDREN
ASSUMED TO BE USING PUBLIC CHILD DAY CARE

DHR DISTRICT	TOTALS NET COSTS	FEES RECEIVED	TOTAL GOV'T COSTS	TOTAL PRIVATE COSTS
1	837555.	0.	837555.	0.
2	1137053.	0.	1137053.	0.
3	13701286.	0.	13701286.	0.
4	568140.	11228.	556912.	11228.
5	1829880.	319750.	1510131.	319750.
6	739768.	0.	739768.	0.
7	1084530.	184083.	900446.	184083.
8	778618.	0.	778618.	0.
9	1870995.	15396.	1855600.	15396.
10	2630239.	0.	2630239.	0.
STATE TOTALS	25178064.	530457.	24647607.	530457.

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